Index to Volume 54

The index to Volume 54 is composed of three parts: a subject index, an author index, and an advertising index.

The subject index is made up mainly of terms constructed by International Pharmaceutical Abstracts. The IPA index is an alphabetical, open-ended, controlled-vocabulary index that makes use of standardized headings. (The primary index terms for each article are listed routinely in AJHP as "index terms" after abstracts.) IPA covers all authored papers and editorials in AJHP, as well as selected letters and news reports. Items that were published in the ASHP Reports section, including official ASHP Statements and Guidelines, are indexed under "American Society of Health-System Pharmacists" as well as being covered by IPA in many cases. The subject index also notes all regular AJHP columns and, under the respective column headings, the titles of items in the following: ASHP Foundation Reports, Book Reviews, Editorials, Frontline Pharmacist, How To, Letters, Managed Care Forum, Management Consultation, News, Questions and Answers, Self-study Materials, and Software Reviews. The page numbers of articles that appear in ASHP Affiliates are listed under that heading by the names of the societies. The subject index also contains, under the heading "Correction Notices," the title and issue of publication of items for which corrections were printed, as well as the page numbers on which the corrections appear.

Issue	Pages	Issue	Pages
January 1	1-108	July 15	1565-1670
January 15	109-226	August 1	1671-1778
February 1	227-334	August 15	1779-1914
February 15	335-478	September 1	1915-2018
March 1	479-602	September 15	2019-2140
March 15	603-730	October 1	2141-2258
April 1	731-854	October 15	2259-2418
April 15	855-1004	November 1	2419-2536
May 1	1005-1132	November 15	2537-2640
May 15	1133-1220	November 15 Supplement	S1-S32
June 1	1221-1368	December 1	2641-2776
June 15	1369-1466	December 15	2777-2862
July 1	1467-1564	December 15 Supplement	S1-S24

Subject Index

Ā

Absorption

nide; prokinetic agents, 2609 minoxidil; prokinetic agents, 2609 Acarbose; interactions; warfarin, 1551

Accreditation

degrees; pharmacy, 2439 hospitals: ICAHO standards, 743 long-term-care facilities; JCAHO standards, 743 managed care systems; quality assurance, 1528 pharmacists; NABP resolutions, 1932 residencies; managed care systems, 2099, 2055

Acetaminophen; concomitant therapy, 85 Acetylcysteine sodium; incompatibilities; artificial tears, 549

Aridosis

metformin; interactions, 587 roentgenographic agents; interactions, 587

Acne vulgaris; tazarotene; FDA approvals, 2037 Acquired immunodeficiency syndrome

antivirals; protocols, 1681 delavirdine mesylate; FDA approvals, 1233 drugs; AIDS buyers' clubs, 2122 nelfinavir mesylate; FDA approvals, 1233 patient care; continuity, 1407 prophylaxis; pharmacists' role, 2800 ritonavir; pediatric labeling, 1233 somatropin; wasting syndrome, 2618

Additives; injections; amphotericin B incompatibilities, 683; antineoplastic agents incompatibilities, 915; bumetanide incompatibilities, 422; ceftriax-one-metronidazole incompatibilities, 424; ciprofloxacin incompatibilities, 1193; cisatracurium incompatibilities, 1735; compounding, 258, 904; dexamethasone-ondansetron incompatibilities, 1065; doxorubicin incompatibilities, 2708; filgrastim incompatibilities, 185; granisetron in-compatibilities, 56; incompatibilities, 64, 181; insu-lin-ranitidine incompatibilities, 1304; iron dex-

tran, 570; ketamine-meperidine incompatibilities, 205; meropenem incompatibilities, 412; midazo-lam incompatibilities, 913; propofol incompatibili-ties, 1287; remifentanil incompatibilities, 2192; thiotepa incompatibilities, 2588; warfarin incompatibilities, 2599

Administration

accreditation; ASHP standards, 2099 ambulatory care; pharmacists' interventions, 2719 American Council on Pharmaceutical Education; degree accreditation, 2439

American Society of Health-System Pharmacists; H. Manasse, 1477

clinical studies; evidence-based practice centers, 2668

decision-making; clinical pharmacists, 1307 Department of Veterans Affairs; pharmaceutical

drug information centers: databases, 1763: telecommunication networks, 1930

education, pharmaceutical; residencies, 1521 Food and Drug Administration; new-drug approv-

health care; computers, 269; technology, 274

health maintenance organizations; computerized databases, 1510; disease management, 32; formu-laries, 1941; home health care, 1968; indigent patient consultation, 2449; psychopharmacy clinic, 2717; U.S., 19

hospital pharmacy; ambulatory care, 1584; clerk-ships, 1727; clinical interventions, 1722; clinical studies, 1742; clinical training programs, 1794; code of conduct, 142; contract services, 37, 43, 48; controlled substances, 630, 1392; cost control, 1196; drug administration routes, 200; drug expenditures, 2302; drug information databases 2592; emergency rooms, 1702; formularies, 95; insulin protocols, 1046; interventions, 392; i.v. compounding, 904; i.v. syringe checking, 1611; i.v. to oral conversion, 524; manual vs. bar codes, 1623; mathematical models, 2491; medication errors, 171; outsourcing, 41, 45; personnel competence, 1412; pharmacists' interventions, 2811, 1591; pharmacists' liability, 1152; regional con-solidation, 1076; survey, 653; trends, 639

hospitals; ethics committees, 2007; ownership,

2238; patient-focused care, 2174; university affiliated, 1711

integrated health care; statistics, 2786; U.S., 19, 238

integrated fleatin care; statistics, 2765; U.S., 19, 236 leadership; ASHP, 1889; pharmacy, 1701 managed care systems; backlash, 1049; disease management, 2217; integrated health care, 1752; patient education, 1497; pharmacists' education, 2055; quality assurance, 1528

mental retardation facilities; anticonvulsant substitution, 1716

organizations; professional competence, 2433 pharmaceutical services; hospitals, 1262; immur zation programs, 490; patient satisfaction, 2721 pharmacists; resignation, 1946

pharmacists, hospital; ethics, 687 pharmacy; drug cost projections, 153; staff perfor-

mance, 2680; technicians' certification, 2562 pharmacy, institutional; clinical information sys-tems, 1501, 1505, 1515; future, 2503; mail order, 520; training, 674

policies and procedures; AJHP, 30; APhA, 1025; ASHP, 2181; e-mail, 886; gene-therapy handling, 1604; hospital pharmacy, 1110, 2516; latex allergies, 1071; Medicare, 830; needle sticks, 258

United States Air Force; pharmaceutical services, United States Army; pharmaceutical services, 773

United States Navy; pharmaceutical services, 778 United States Public Health Service; pharmaceutical

Administrators American Society of Health-System Pharmacists; H. Manasse, 1477

hospital pharmacy; self-renewal residencies, 2116 managed care systems; disease management, 2217 Oddis, J.; ASHP, 1815; endowment, 1804 salaries; managed care systems, 1049

Admixtures, see Additives

Adolescents

drug abuse; survey, 365 vaccines; protocols, 494 Adrenergic agents, see Sympathomimetic

orption; bumetanide; polyvinyl chloride, 422 Adverse reactions, see Drugs, adverse reactions Advertising

employment; pharmacist positions, 1260 health care; Internet, 757

prescription drugs; direct to consumer, 2664; FDA

guidelines, 2181; references, 2596 **Advertising Index**, 108, 226, 334, 478, 602, 730, 854, 1004, 1132, 1220, 1368, 1466, 1564, 1670, 1778, 1914, 2018, 2140, 2258, 2418, 2536, 2640, 2776, 2832

Aerosols see also Inhalers

albuterol; status asthmaticus, 199 inhalers; metered dose, 1021

ipratropium bromide; status asthmaticus, 199

Age

patients; adult immunization, 379; diabetes melli-tus, 1062; famciclovir, 1180 pharmacists; hours, 558 students; drug abuse, 365 women; health care, 2288 Agency for Health Care Policy and Research;

United States Public Health Service; pharmaceutical services, 766

Agency for Toxic Substances and Disease Reg-istry; United States Public Health Service; pharmaeutical services, 766 AIDS, see Acquired immunodeficiency syn-

AIDS Facts, 1646, 2122, 2232, 2618 AJHP, see American Journal of Health-System

AJHP Continuing Education, 90, 197, 1444, 2004, 2125, 2236, 2512, 2741, 2821
Akathisla; antipsychotic agents; toxicity, 2461
Albendazole; echinococcosis; monitoring, 319

Albuterol status asthmaticus; oxaprozin reactions, 199

toxicity: emergency room visits, 295 Albuterol sulfate; sustained-action; excretion, 2403

Alcohols, ethyl

abuse; adolescents, 365 diluents; docetaxel incompatibilities, 566 interactions; nonprescription drugs, 1762 patient information; hospital pharmacists, 564 **Alcohols, polyvinyl**; incompatibilities; acetylcys-

Aldesleukin; toxicity; palliative care, 1191

Alkalinizing agents; sodium bicarbonate; heart arrest, 85; incompatibilities, 1193

Alkaloids; ephedrine; FDA regulations, 1578 Allergies

cross-sensitivity; anticonvulsants, 2616 documentation; medical records, 1627 drugs; emergency room visits, 295 latex; guidelines, 1688; overview, 1071; pharmacy policies, 2516; pharmacy standards, 2517 penicillin; patient histories, 2457

sulfamethoxazole, combination, trimethoprim; adverse reactions, 1545

Alteplase cardiovascular disorders; protocols, 1447 cerebrovascular disorders; protocols, 2213 mechanism of action; thrombolytics, Nov 15 suppl \$17

myocardial infarction; comparisons, Nov 15 suppl \$27; methamphetamine toxicity, 586

Alternative medicine
acquired immunodeficiency syndrome; buyers' clubs, 2122 American Pharmaceutical Association; policies,

1025 control, quality: toxicity, 1707

Aluminum hydroxide; hyperphosphatemia; sodi-um phosphate toxicity, 2488 Alzheimer's disease; donepezil hydrochloride; re-

view, 2805 Amantadine; Parkinson's disease; antipsychotic

toxicity, 2461 **Ambulatory** care

clinical pharmacists; hospital pharmacy, 1280; primary care, 2079

databases; managed care systems, 1973 hospital pharmacy; Medicare reimbursement, 2433; services, 1584; survey, 653

hypertension; pharmacists' role, 564 managed care systems; disease management, 2217; pharmacists, 1497 neoplasms; pharmacists' protocols, 680

patient education; ASHP guidelines, 431 pharmaceutical care; cost-benefit analysis, 554 pharmaceutical services; Department of Veterans Affairs, 761; psychopharmacy clinic, 2717; ra-tional therapy, 2719; United States Army, 773

pharmacists, institutional; prisons, 674

American Association of Colleges of Pharmacy; professional competence; JCPP working groups, 2433

American College of Cardiology; protocols; my-ocardial infarction, Nov 15 suppl S3 American Council on Pharmaceutical Education; accreditation; pharmacy schools, 2439

American Heart Association; protocols; myocardial infarction, Nov 15 suppl S3
American Journal of Health-System Pharmacy

acknowledgment of reviewers, November 1, 1996, to October 31, 1997, 2819

advertising; employment, 1260 instructions for submitting computer disks, 84 policies and procedures; industry ties, 30 procedure for submissions to, 82 sections, 84

American Pharmaceutical Association guidelines; immunization, 2553 meetings; Remington Honor Medal, 1012

policies and procedures; 1997 annual meeting,

American Society of Health-System Pharma cists

administration; mentoring programs, 1701 administrators; H. Manasse, 1477 Annual Meeting; call for papers, 1640; program,

annual report, 1315

annual report, 1315
Board of Directors; actions, September 20, 1996, meeting, 75; actions, November 16–17, 1996, meeting, 580; actions, April 23–24, 1997, meeting, 1639; actions, June 1, 1997, meeting, 2114
Consolid Administration, 466(accession, 2002) Council on Administrative Affairs; report on, 803 Council on Educational Affairs; report on, 808 Council on Legal and Public Affairs; report on, 812 Council on Organizational Affairs; report on, 815 Council on Professional Affairs; report on, 819

Executive Vice President; report of, 1873 Executive Vice President-Designate; report of, 1877 focus group on pharmacy and managed care, 2500 guidelines; clinical care plans, 314; patient consul-tation, 431; recruitment, 1260 Harvey A. K. Whitney Lecture Award 1997, 1827

history; C. Lyons, 1095 Home Care '97 meeting; call for papers, 193; pro-

gram, 1536 House of Delegates: 48th annual session, members of, 1850; proceedings, 1849 information; WWW, 1273

managed care systems; pharmaceutical education,

Manasse, H.; professional issues, 1877 membership; satisfaction, 1037 Midyear Clinical Meeting; call for papers, 76; call for student posters, 578; program, 2307

National Residency Preceptors Conference: struc-turing residencies to meet the challenge of changes in contemporary pharmacy practice,

Oddis, J.; history, 1804, 1815 officers, directors, councils, committees, and head-

quarters staff; directory of, 1879 oncology pharmacy work force survey, 434 pharmaceutical services; survey, 653 Pharmacy Student Forum, report, 829

policies and procedures; direct-to-consumer advertising, 2181 policy recommendations-invitation to comment,

Practitioner Recognition Program-1997 fellows,

President and Chair of the Board; report of, 1862 President-elect and Vice Chair of the Board; report of, 1865

sional competence; JCPP working groups, 2433

protocols; ACE inhibitors, 299; aspirin, 1984; niacin, 2815; S. pneumoniae resistance, 575; tubercu-

residencies; job satisfaction, 1521 role; evidence-based practice centers, 2668; Healthy People 2000, 2169; quality control reports, 1240; twenty-first century, 1865

twenty-first century, 1865 roster of residents completing ASHP-accredited pro-grams in calendar year 1997, 1200 Section of Clinical Specialists, report, 828 Section of Home Care Practitioners, report, 826 standards; latex allergies, 2517; residencies, 2099

standards; latex allergies, 2517, fedicards, strategic planning; reports, 1889 Student Leadership Award; recipients, 2115

Treasurer; report of, 1868

Amifostine; review, 787
Amikacin sulfate; incompatibilities; filgrastim,

Amino acids; dietary supplements; labeling, 2561 Aminoglycosides amikacin sulfate; incompatibilities, 185

gentamicin; interactions, 2704; pharmacokinetics, 541, 2201 gentamicin sulfate; incompatibilities, 185 tobramycin; pharmacokinetics, 541, 2201

tobramycin sulfate; incompatibilities, 185, 1068 Amlodipine; absorption; prokinetic agents, 2609

Amoxicillin; otitis media; DUE, 2736 Amphetamines; abuse; adolescents, 365

Amphotericin B approvals; FDA, 2426

incompatibilities; granisetron, 56; remifentanil, 2192; soybean oil, 683

Amsacrine; incompatibilities; granisetron, 56

Analgesics and antipyretics algorithms; ICU, 1841 allergies; sulfamethoxazole-trimethoprim, 1545 bromfenac sodium; FDA approvals, 2151 concomitant therapy, 85 fentanyl; transdermal patches, 87

fentanyl citrate; injections, 87 morphine sulfate; incompatibilities, 61 pain; pharmacists' role, 2451 remifentanil hydrochloride; incompatibilities, 2192

tramadol; review, 643 tramadol hydrochloride; DUE, 696 use; consumers, 2664

Anesthetics

ketamine hydrochloride; incompatibilities, 205 propofol; fat emulsions, 2515; incompatibilities, 1287; parenteral nutrition, 694; pharmacoeconomics, 1953 thiopental sodium; incompatibilities, 64

Anesthetics, local administration; needle-stick policies, 258

bupivacaine hydrochloride; incompatibilities, 61 lidocaine, combination, prilocaine; comparisons, 388

tetracaine; comparisons, 388 Angina pectoris; mibefradil dihydrochloride; FDA approvals, 2033

Anglop lasty; myocardial infarction; disease man-agement, Nov 15 suppl S9

Angiotensin-converting-enzyme inhibitors contraindications; renal artery obstruction, 1552 myocardial infarction; protocols, Nov 15 suppl S9

ventricular dysfunction; pharmacists' interven-tions, 264; protocols, 299

Anorexics

dexfenfluramine hydrochloride; product withdrawal, 2269; review, 2059 fenfluramine hydrochloride; product withdrawal,

toxicity; heart diseases, 1785 Anthelmintics: albendazole: echinococcosis, 319 Antiarrhythmic drugs, see Cardiac drugs

Antibiotics aztreonam; pharmacokinetics, 537

emergency kits; disasters, 1110 imipenem, combination, cilastatin sodium; incom-patibilities, 185 apirocin calcium; staphylococcal infections, 2185

vancomycin; S. aureus resistance, 2457

Antibodies; tests, laboratory; HIV infections, 2232 Anticoagulants ardeparin sodium; FDA approvals, 1575

coronary disease; stents, 437 education, pharmaceutical; ASHP traineeship, 2169

enoxaparin; comparisons, 1185; enoxaparin sodium; home health care, 1968

heparin; comparisons, 1185; myocardial infarction, Nov 15 suppl S9

heparin sodium; myocardial infarction, 586 research; history, 1992 warfarin sodium; interactions, 320, 692, 1551; incompatibilities, 2599

Anticonvulsants carbamazepine; cross-sensitivity, 2616

compliance; prisons, 2585 divalproex sodium; substitution, 1716 phenobarbital; cross-sensitivity, 2616 phenytoin; emergency room visits, 295 phenytoin sodium; cross-sensitivity, 2616 tiagabine hydrochloride; FDA approvals, 2544

valproic acid; substitution, 1716

Antidepressants

depression; compliance, 2668 methylphenidate; geriatrics, 2510 serotonin-reuptake inhibitors; geriatrics, 2510 tricyclic; geriatrics, 2510; pain, 2451

Antidiabetic agents

acarbose; interactions, 1551 glyburide; dosage, 1062 metformin; interactions, 587 metformin hydrochloride; review, 893

troglitazone; FDA approvals, 623

Antidiarrhea agents; prescribing; pharmacists,

costs; Medicare policies, 830 costs, securcate poinces, oss granisetron; comparisons, 2478-granisetron hydrochloride; comparisons, 1172; in-compatibilities, 56; liquid compounding, 1404 incompatibilities; Y-site injections, 181 ondansetron; comparisons, 2478; palliative care,

ondansetron hydrochloride; comparisons, 1172; incompatibilities, 915, 1065

prescribing; pharmacists, 680 reimbursement; antineoplastic toxicity, 2433

Antifungals

amphotericin B; FDA approvals, 2426; incompatibilities, 683; remifentanil incompatibilities, 2192 fluconazole; incompatibilities, 185

Antihistamines

allergies; latex, 2516; sulfamethoxazole-trimethoprim 1545 azelastine hydrochloride; FDA approvals, 234 fexofenadine hydrochloride; approva terfenadine; product withdrawal, 342 provals, 342

Anti-infective agents

adverse reactions; comparisons, 1176 amphotericin B; granisetron incompatibilities, 56 drug use; evaluation, 1837

incompatibilities; cisatracurium, 1735; doxorubi-cin, 2708; parenteral nutrition, 1295; propofoi, 1287; Y-site injections, 181 meropenem; incompatibilities, 412 metronidazole hydrochloride; incompatibilities,

resistance: Enterococcus, Staphylococcus species, 1420 thalidomide; marketing, 2270

toxicity; emergency room visits, 295 trimethoprim, combination, sulfamethoxazole; al-lergies, 1545; otitis media, 2736

Anti-inflammatory agents asthma; protocols, 862 oxaprozin; adverse reactions, 199

Antilipemic agents cerivastatin sodium; FDA approvals, 1793 niacin; pharmacists' role, 2803; ASHP protocols,

Antimalarial agents; pyrimethamine; incompati-

bilities, 2714
Antineoplastic agents

amsacrine; granisetron incompatibilities, 56 compounding; errors, 904; personnel competence,

dacarbazine; incompatibilities, 915 docetaxel; comparisons, Dec 15 suppl S11; incom-patibilities, 566; overview, Dec 15 suppl S2, S7, \$19; pharmacokinetics, Dec 15 suppl \$16 dosage; innovative therapy, 572 doxorubicin hydrochloride; incompatibilities, 915,

drug administration; needle-stick policies, 258 fluorouracil; incompatibilities, 1845 gemcitabine; review, 162 incompatibilities; doxorubicin, 2708; parenteral nutrition, 1295; propofol, 1287; Y-site injections,

interferon alfa-2a; renal cell carcinoma, 190 paclitaxel; comparisons, Dec 15 suppl \$11; incom-patibilities, 566; labeling, 2128 thiotepa; incompatibilities, 2588

toxicity; amifostine therapy, 787; antiemetic com-parisons, 2478; antiemetic reimbursement, 2433;

antiemetics, 830; pharmacists' protocols, 680 tretinoin; renal cell carcinoma, 190 vincristine sulfate; incompatibilities, 915; toxicity,

Antiparkinson agents

amantadine; antipsychotic toxicity, 2461 ropinirole hydrochloride; FDA approvals, 2655 Antiparkinson drugs; pramipexole dihydrochlo-ride; FDA approvals, 1922

Antipsychotic agents chlorpromazine hydrochloride; remifentanil in-compatibilities, 2192 quetiapine fumarate; FDA approvals, 2547 toxicity; basal ganglia diseases, 2461

Antiseptics; emergency kits; disasters, 1110 Antituberculars patient information; pharmacists' interventions,

tuberculosis; ASHP protocols, 428

Antivirals

cidofovir; incompatibilities, 2204; toxicity, 12 delavirdine mesylate; FDA approvals, 1233 famciclovir; postherpetic neuralgia, 1180 HIV infections; protocols, 1681, 2652 interferon alfacon-1; FDA approvals, 2656 nelfinavir mesylate; FDA approvals, 1233 protease inhibitors; toxicity, 1575 ritonavir; labeling, 126; pediatric labeling, 1233 zidovudine: HIV infections, 1018

Auxiolytics, sedatives and hypnotics administration; needle-stick policies, 258 algorithms; ICU, 1841 incompatibilities; emulsions, 1287; parenteral nu-

midazolam hydrochloride; incompatibilities, 913 prescribing; pharmacists, 680

Apparatus, see Equipment Ardeparin sodium; approvals; FDA, 1575 Arizona; cannabis; laws, 126

Arterial occlusive disea

surgery; comparisons, 1963 thrombolytic agents; clinical studies, 1992 urokinase; comparisons, 1963; DUE criteria, 2000; regional infusion, 1988

Artificial tears; alcohols, polyvinyl; acetylcysteine incompatibilities, 549
Ascites; vasopressin; toxicity, 2230

Aseptic areas

cleanrooms; gene-therapy handling, 1604 hospital pharmacy; personnel competence, 1412
ASHP, see American Society of Health-System Pitarmacists

ASHP Affiliates, 20, 244, 514, 879, 1030, 1244, 1490, 1692, 2157, 2292, 2446, 2670
Alabama Society, 254, 884, 1937, 1940, 2678 Arizona Society, 1938 Arkansas Association, 515, 884, 2448

California Society, 244, 515, 1697, 2300 Chapter Briefs, 24, 254, 515, 884, 1036, 1248, 2300, Chapter conference features Whitney Award recipi-

ents, 1692 Chapter conference to feature Whitney Award recipients, 879

Colorado Society, 514, 515, 881, 1036, 1494 Connecticut Society, 247, 881, 1036, 1693, 2447

Connecticut Society, 247, 881, 1036, 1693, 2447 Delaware Society, 1496 Educational Meetings, 26, 247, 519, 881, 1036, 1253, 1494, 1693, 1940, 2300, 2447, 2674 Florida Society, 254, 884, 2296 Fourteen state societies send trainers to clinical skills workshoors, 879

skills workshops, 879 Georgia Society, 22, 1253, 2300, 2674 Hawaii Society, 884 Idaho Society, 2676

Illinois Council, 24, 26, 1696, 2292, 2300, 2301, 2447, 2678

Indiana Society, 1035, 1494, 2292 lowa Society, 1695 Kansas Society, 24, 1253, 2678

Kentucky Society, 2446 Louisiana Society, 26, 1493, 2674

Maine Society, 881, 1036, 1494 Maryland Society, 247, 515, 519, 1036, 1494, 2300 Massachusetts Society, 515, 519, 881, 1254, 1940 Michigan Society, 22

Minnesota Society, 884, 1494 Mississippi Society, 884, 1696 Missouri Society, 519, 1697, 2300, 2678 Nebraska Society, 1254

Nevada Society, 247, 254, 884, 1698, 2674 New Hampshire Society, 254 New Jersey Society, 247, 1494, 1495, 2300 New Mexico Society, 26, 1036, 2676

New York State Council, 514, 1490 1996 state society survey results reported, 2290 North Carolina Society, 24, 881, 884, 1036, 2674 North Dakota Society, 2678

The Oddis quilt: a joint project of the ASHP affiliat-ed state chapters, 2157

Ohio Society, 1693, 2300 Oklahoma Society, 26, 1696 Oregon Society, 26, 884, 1036, 1937, 2447 Pennsylvania Society, 20, 1030, 1940, 2300

Presidential officers from 45 states attend retreats.

Rhode Island Society, 26, 519, 884, 1494, 2300 South Carolina Society, 247, 1258, 2674 South Dakota Society, 1494

Tennessee Society, 1493, 2300
Texas Society, 247, 254, 881, 884, 1036, 1244, 2678
Upcoming Meetings, 29, 253, 519, 882, 1032, 1254, 1496, 1698, 1938, 2295, 2676
Utah Society, 1494, 2670

Vermont Society, 1248 Virginia Society, 880, 884, 1253, 2673

Washington Metropolitan Society, 26, 29, 1248, 1253, 1693, 1940, 2447

Washington State Society, 24 West Virginia Society, 1248 Wisconsin Society, 24, 1694, 2674 Wyoming Society, 1940

ASHP Foundation Reports, 1451, 2624
Fall session trains 16 pharmacists for anticoagula-

tion service, 2626 Five receive New Pharmacy Practice Researchers

Grants, 2625 Foundation awards fellowships in geriatrics, immunology-immunotherapy, 1451 Literature award winners to be honored at Midyear,

2624

Other Foundation activities, 1452, 2626

Pharmacists complete training for dialysis service,

Research Grants, funded by Merck, awarded, 2624 Sixteen complete spring anticoagulation trainee-ships, 1451

ASHP Research and Education Foundation; grants; J. Oddis endowment, 1804

Aspiria: myocardial infarction; methamphetamine toxicity, 586; prophylaxis, 1949, 1984; protocols, Nov 15 suppl S9

anti-inflammatory agents; protocols, 862 disease management; physicians' prescribing, 2197 oxaprozin; adverse reactions, 199 patient information; consultation, 2449

Athletes; drug abuse; Olympic Games, 1053 Attention deficit disorder with hyperactivi-

ty; diagnosis; pediatrics, 2685 Authorship; publications; pharmaceutical industry

employees, 30 Automation

clinical pharmacy; training, 674 compounding; errors, 904; parenteral nutrition,

computers; dosage checking, 545 costs; pharmacy outsourcing, 48 Department of Veterans Affairs; pharmaceutical

services, 761 dispensing; hospital pharmacy, 45; mail order, 520;

United States Navy, 778 drug distribution systems; controlled substances,

Autonomic drugs; nicotine; FDA approvals, 1478 Availability, drugs, see Drugs, availability American Pharmaceutical Association; Remington

Honor Medal, 1012 pharmacists; J. Hunter, 2050 Azelastine hydrochloride; approvals; FDA, 234 AZT, see Zidovudine

Aztreonam; critical illness; pharmacokinetics, 537

B

Bacterial infections

levofloxacin; review, 2569 trovafloxacin mesylate; review, 2569

Balanced Budget Act of 1997; Medicare; reimbursement, 2433

Barbiturates; abuse; adolescents, 365 Basal ganglia diseases; antipsychotic agents; tox-BCG vaccines: immunization: adults, 379

Benchmarking; patient care; outcomes standards, Benzodiazepines; basal ganglia diseases; antipsy-

chotic toxicity, 2461 Beta lactamase inhibitors; tazobactam sodium, combination, piperacillin sodium; interactions,

Bid contracting, see Purchasing Billing; pharmacy, institutional; mail order, 520 Bioavailability, see Drugs, availability

Biologicals; product development; FDA regulations,

Blood levels

ninoglycosides; patients' weight, 2201; pharmacokinetic calculations, 541

antibodies; HIV home tests, 2232 aztreonam; critical illness, 537

N-butyl-p-aminobenzoic acid; tetracaine metabo-lites, 388

dextrose; insulin protocols, 1046; monitoring, 1058; self-monitoring, 1062

fentanyl; transdermal patches, 85 gentamicin; piperacilliin-tazobactam interactions, 2704

tetracaine; and metabolites, 388

Blood substitutes; emergency kits; disasters, 1110 Board of Pharmaceutical Specialties; examinations; 1996 pass rate, 1015 lodine Aluminum; cases; Henderson,

Book Reviews, 106, 223, 333, 471, 597, 724, 852, 1000, 1130, 1218, 1366, 1462, 1562, 1668, 1909, 2016, 2138, 2254, 2415, 2534, 2774, 2831

An Anthropologist on Mars: Seven Pa 852

Biostatistics: The Bare Essentials, 223 Breaking Free: A Prescription for Personal and Organi-

preusing Prec. Prescription for reisonal unit Organizational Change, 27749.
Bringing the Hospital Home: Ethical and Social Implications of High-Tech Home Care, 852
The Business of Managed Care: An Annual Review of

Contracting and Health Services, 224 Changing Health Care: Creating Tomorrow's Winning

Health Enterprise Today, 2016 Clinical Research in Pharmaceutical Development,

Comprehensive Pharmacy Review, Third Edition, 2017

The Cytotoxics Handbook, Third Edition, 2138 Drug Information: A Guide for Pharmacists, 106 Drug Use in Assisted Suicide and Euthanasia, 1462 Essential Psychopharmacology: Neuroscientific Basis and Practical Applications, 471 Ethical Issues in Pharmacy, 2254

EveryWoman's Guide to Prescription and Nonprescription Drugs, 2415

tion Drugs, 2019. Guidelines for Administration of Intravenous Medica-tions to Pediatric Patients, Fifth Edition, 1000 Handbook of Clinical Drug Data, Eighth Edition, 1562. The Healthcare Customer Service Revolution: The

Growing Impact of Managed Care on Patient Satisfaction, 2416

Integrated Pharmacology, 2534

An Introduction to Survey Research, Polling, and Data Analysis, Third Edition, 1130

Literature review: Alternative therapies, 2635 Mama Can't Remember Anymore: Care Management

munia Guit i semember rayrinte. Gue muniagement of Aging Parents and Loved Ones, 1366 Managed Care Made Simple, 2256 Managing in a Time of Great Change, 1130 Market-Driven Health Care: Who Wins, Who Loses in the Transformation of America's Largest Service Industry, 1219

Marketing Health Care into the Twenty-First Century: The Changing Dynamic, 472

Mentoring Strategic Change in Health Care: An Action Guide, 1001

Mosby's Medical Surfari: A Guide to Exploring the Inter-net and Discovering the Top Health Care Resources, 1464

Outcome Measures for Health Education and Other Health Care Interventions, 1002 Pain Management Secrets, 2831

Patient Education: A Practical Approach, Second Edition, 472

Pharmacotherapy: A Pathophysiologic Approach, Third Edition, 1668

Pharmatecture: Minimizing Medications to Maximize

Points of Light: A Guide for Assisting Chemically Dependent Health Professional Students, 1908 Remaking Health Care in America: Building Organized

Delivery Systems, 1367 The Right Thing: Ten Years of Ethics Columns from the Healthcare Forum Journal, 2775

The Role of Pharmacoeconomics in Outcomes Management, 2139

Romance, Poetry, and Surgical Sleep: Literature Influences Medicine, 724 The Strategic Middle Manager: How to Create and Sus-

This Satings, minute minunger, room to create and sustain Competitive Advantage, 597
Studying a Study and Testing a Test: How to Read the Health Science Literature, Third Edition, 1913
Books Received, 333, 476, 601, 729, 1002, 1131,

1219, 1563, 1669, 1776, 1913, 2139, 2417, 2639

Boston Dispensary; pharmacy, institutional; histoгу, 1097

Bradycardia; calcium chloride; sodium phosphate toxicity, 2488

Breast neoplasms

antineoplastic agents; innovative therapy, 572 docetaxel; overview, Dec 15 suppl S19; pharmacoeconomics, Dec 15 suppl S11

paclitaxel; pharmacoeconomics, Dec 15 suppl S11 Bromfenac sodium; approvals; FDA, 2151

Budgets

hospitals; university affiliated, 1711 pharmacy; drug cost projections, 153

Bumetanide: incompatibilities: concentration, 422 Bupivacaine hydrochloride; incompatibilities; morphine, 61

Bupropion hydrochloride; approvals; FDA, 1478 N-butyl-p-aminobenzoic acid; metabolites; tetra-caine, 388

C

Caffeine citrated; incompatibilities; polypropylene syringes, 1106

Calcium; dosage; dietary reference intakes, 2438 Calcium antagonists

costs; pharmacists' interventions, 2079 mibefradil dihydrochloride; FDA approvals, 2033 Calcium chloride; bradycardia; sodium phosphate oxicity, 2488

Calcium regulators; tiludronate disodium; FDA approvals, 1145

dosage; alteplase, 1447; compounding, 1449; com-puter checking, 545; kidney failure, 2505 harmacokinetics; aminoglycosides, 541

California

cannabis; laws, 126 errors, medication; geriatrics, 2282

Caloric agents; dextrose; flow rates, 1277; hyper-phosphatemia, 2488

Calories; propofol; fat emulsions, 2515; vehicles,

Cancer, see Antineoplastic agents Cancer drugs, see Antineoplastic agents Cannabis

abuse; adolescents, 365 laws; prescribing, 126 pain; pharmacist consultation, 2451

Capitation health maintenance organizations; patient consultation, 2449

integrated health care; pharmaceutical services, 2207

Capsules

omeprazole; liquid compounding, 1833 phenoxybenzamine hydrochloride; compounding, 2073

ursodiol; suspension compounding, 1401 Captopril; incompatibilities; oral liquids, 2483 Carbamazepine; adverse reactions; cross-sensitivi-

Carcinoma

interferon alfa-2a; renal cell, 190 tretinoin: renal cell, 190

Cardiac drugs

epoprostenol: congestive heart failure, 2613 npatibilities; parenteral nutrition, 1295; propofol, 1287

sorbide dinitrate; sustained-action, 2403 lidocaine; heart arrest, 85

nifedipine; myocardial infarction, 586 nitroglycerin; incompatibilities, 1417 propafenone hydrochloride; incompatibilities, 1293

Cardiovascular agents; incompatibilities; doxoru-bicin, 2708

Cardiovascular disorders; alteplase; protocols,

Cardiovascular drugs; toxicity; emergency room visits, 295

Career Opportunities, 96, 206, 322, 450, 589, 702, 832, 988, 1112, 1210, 1336, 1455, 1553, 1658, 1765, 1902, 2009, 2130, 2240, 2406, 2518, 2628, 2749, 2825

Careers; pharmacists; managed care systems, 2055; mentoring programs, 1701; U.S. Public Health Service. 1236 Caregivers; drug administration; vasopressin, 2230

Case Law, 572 Cefepime hydrochloride; toxicity; neutropenia,

Cefoperazone sodium; incompatibilities; cisatra-

curium, 1735; remifentanil, 2192

Cefotaxime sodium; dosage schedules; cost com-parison, 1614

Ceftazidime; incompatibilities; filgrastim, 185 Ceftriaxone sodium

dosage schedules; cost comparison, 1614 incompatibilities; metronidazole, 424

Cells; therapy; FDA regulations, 877 Centers for Disease Control and Prevention immunization; pharmacists' education, 490 United States Public Health Service; pharmaceutical

services, 766 Central nervous system drugs

bupropion hydrochloride; FDA approvals, 1478 sumatriptan succinate; stability, 1619 Central nervous system stimulants

attention deficit disorder with hyperactivity; diagnosis, 2685

caffeine citrated; incompatibilities, 1106

Cephalosporins efepime hydrochloride; toxicity, 2621 cefoperazone sodium; incompatibilities, 1735; remifentanil incompatibilities, 2192 cefotaxime sodium; cost comparison, 1614 ceftazidime; incompatibilities, 185 ceftriaxone sodium; cost comparison, 1614; incompatibilities, 424

Cerebral ischemia; thrombolytic agents; cere-

brovascular disorders, 2213 Cerebrovascular disorders

alteplase; protocols, 2213 anticoagulants; ASHP traineeship, 2169

Cerivastatin sodium; approvals; FDA, 1793 Certification

clinical pharmacy; prisons, 674 examinations; pharmacotherapy, 1015 pharmacists; NABP resolutions, 1932; recruitment, 1260; U.S. Public Health Service, 1236

pharmacists, hospital; life support, 1702 technicians; benefits, 2562; continuing education, 1486

Charity; drugs; FIP guidelines, 2800 Chelating agents; edetate disodium; incompatibilities, 549, 2483

Cherry syrup; vehicles; granisetron liquids, 1404 Chlorobutanol; incompatibilities; acetylcysteine,

549 Chlorofluorocarbons; propellants; FDA regulations, 1021

Chlorpromazine hydrochloride; incompatibiliremifentanil, 2192

Cholelitholytic agents; ursodiol; stability, 1401 Cholera vaccines; adults; research, 379 Cidofovir

incompatibilities; containers, 2204 toxicity; kidney failure, 12

Cilastatin sodium; combination, imipenem; in-compatibilities, 185

Ciprofloxacin lactate; incompatibilities; sodium bicarbonate, 1193 Cisapride

gastroparesis; drug absorption, 2609 interactions: warfarin, 320

Cisatracurium besylate; incompatibilities; antiinfective agents, 1735

Citric acid; incompatibilities; phenoxybenzamine,

Classification; drugs; prescription to nonprescrip-

Classified advertising, see Career Opportuni-Ežes

Clearance, see Excretion Clinical pharmacists

decision-making; models, 1307 hospitals: staff development, 48

interventions; antihypertensive programs, 2079; documentation, 1623; ICU, 2811 primary care; role, 1280 role; drug use, 2207

services; mail order, 613 staff development; clinical training programs, 1794 Clinical Pharmacology; databases; comparisons,

Clinical pharmacy

computers; intervention documentation, 1727 computers; intervention accumentation, 1/2/ decision-making; models, 1307 history; twentieth century, 1805 hospitals; interventions, 392; practice trends, 639; staff development, 48; survey, 653 intensive care units; pharmacists' interventions, managed care systems; information systems, 1501; pharmacists, hospital; interventions, 1596; outcomes, 1591 primary care; team, 1280

protocols; ASHP guidelines, 314 quality assurance; hospitals, 1722

residencies; self-renewal programs, 2116 services; hospital rounds, 670; integrated health care, 2207; mail order, 613; prisons, 674 United States Public Health Service; services, 766

Clinical Reference Library; databases; compari-

Clinical studies

administration; evidence-based practice centers, 2668

analgesics and antipyretics; physician prescribing,

aspirin; myocardial infarction, 1949 breast neoplasms; innovative therapy, 572 costs; hospitals, 1742

databases; ambulatory care, 1973 decision-making; formularies, Nov 15 suppl SS docetaxel; neoplasms, Dec 15 suppl S19; overview Dec 15 suppl S7; pharmacokinetics, Dec 15 suppl

oprostenol; congestive heart failure, 2613 HIV infections; pregnancy, 1018
medicinal plants; efficacy, 2656
methylphenidate; depression, 2510
mupirocin calcium; infection control programs,

2185 pharmacists; depression monitoring, 2668

sulfamethoxazole, combination, trimethoprim; reinstitution, 1545

theophylline; roentgenographic toxicity, 587 thrombolytic agents; cerebrovascular disorders, 2213; myocardial infarction, Nov 15 suppl S27; outcome markers, Nov 15 suppl S23; thrombosis, 1992

urokinase; overview, 1988 Closures: vials: latex, 2516 Cocaine; abuse; adolescents, 365 Codes

bar; hospita! pharmacy, 45; pharmacists' interventions 1623

ethics; conduct, 142 Color; warfarin sodium; incompatibilities, 2599 Columbia/HCA Healthcare; mergers; Value Health, 513

Combined therapy

albuterol and ipratropium bromide; status asthmat-

antineoplastic agents and docetaxel; breast neoplasms, Dec 15 suppl \$19; overview, Dec 15 suppl

antivirals; HIV infections, 1681, 2652 docetaxel and antineoplastic agents; breast neo plasms, Dec 15 suppl \$19; overview, Dec 15 suppl \$2

fenfluramine and phentermine; obesity, 1785 globulin immune and zidovudine; pregnancy,

human immunodeficiency virus immune globulin

and zidovudine; pregnancy, 1018 interferon alfa-2a and tretinoin; renal cell carcinoma, 190

ipratropium bromide and albuterol; status asthmaticus, 199 phentermine and fenfluramine; obesity, 1785

tretinoin and interferon alfa-2a; renal cell carcinoma, 190

zidovudine and human immunodeficiency virus immune globulin; pregnancy, 1018

Commentaries, 85, 437, 584, 1307, 1434, 1742, 1988, 2213, 2503, 2609, 2733

Committees

health care; quality assurance, 2238 hospitals; ethics, 2007; pharmacists' interventions,

Communication

American Society of Health-System Pharmacists; WWW. 1273

mers; pharmacists, 2664 health professions; HMOs, 1510 hospital pharmacy; drug administration routes, 200

personnel, pharmacy; code of conduct, 142; e-mail, 886

pharmacists; patient consultation, 2084 pharmacists, hospital; attitudes, 584; emergency rooms, 1702; terminal patients, 753 pharmacists, institutional; patient consultation,

students; community service, 354; public relations,

Community service; minorities; pharmacy students, 354

Compliance; patients; analgesics, 2451; anticonvulsants, 2585; antidepressants, 2668; antituberculars, 375, 428; antivirals, 1681; pharmacists' interventions, 2719: pharmacists' role, 2503

Compounding acetylcysteine sodium; ophthalmic solutions, 549 alteplase; hospital pharmacists, 2213

captopril; oral liquids, 2483 docetaxel; injections, Dec 15 suppl \$7 granisetron hydrochloride; oral liquids, 1404 hospital pharmacy; needle sticks, 258; personnel competence, 1412 injections; errors, 904; latex allergies, 2516, 2517

omeprazole; oral liquids, 1833 parenteral nutrition; automatic

bilities, 1295 pentoxifylline; suspensions, 1301 pharmacists; drug hydrates, 1449

phenoxybenzamine hydrochloride; incompatibilities, 2073 pyrimethamine; suspensions, 2714 sterile products; technicians, 1702

sumatriptan succinate; suspe tacrolimus; suspensions, 178 ursodiol; suspensions, 1401

Computers

bar codes; pharmacists' interventions, 1623 communication; e-mail, 886 costs; pharmacy outsourcing, 48 databases; ambulatory care, 1973; comparisons, 2592; drug information centers, 1763; HMOs, 1510

data collection; e-mail, 1334 Department of Veterans Affairs; pharmaceutical services, 761 drug distribution systems; controlled substances,

drug information centers; networks, 1930 equipment; clinical information systems, 1505 health care; information systems, 269

health maintenance organizations; clinical infor-mation systems, 1515 hospital pharmacy; clinical interventions, 1722; practice trends, 639; service outsourcing, 45; sur-

vev. 653 hospitals; pharmacists' interventions, 392 information; health care, 274; pharmacists' attitudes, 584

Internet; drug information, 1732; health care information, 757; pharmacy information, 34 managed care systems; clinical information systems, 1505

models; nomenclature similarities, 1161; pharmacy management, 2491

patient-focused care; pharmacists' role, 263 pharmaceutical services; mail order, 613 pharmacy; United States Navy, 778

programs; ambulatory care, 2719; aminoglycoside pharmacokinetics, 541; clinical information systems, 1501; dosage checking, 545; HMO formularies, 1941; infection monitoring, 1897; intervention documentation, 1727; medical logic modules, 281

Concentration

amphotericin B; incompatibilities, 683 antineoplastic agents; incompatibilities, 915 bumetanide; incompatibilities, 422 bupivacaine hydrochloride; incompatibilities, 61 ceftriaxone sodium; incompatibilities, 424 cidofovir; incompatibilities, 2204 ciprofloxacin lactate; incompatibilities, 1193 cisatracurium besylate; incompatibilities, 1735 dexamethasone sodium phosphate; incompatibilities, 1065 dextrose; flow rates, 1277

decetase; incompatibilities, 566 dopamine hydrochloride; incompatibilities, 1417 drugs, nonprescription; self-medication, 2664 edetate disodium; acctylcysteine incompatibilities, 549

epinephrine hydrochloride; incompatibilities, 1417 filgrastim; incompatibilities, 185 fluorouracil; incompatibilities, 1845 granisetron hydrochloride; stability, 1404 meropenem; incompatibilities, 412 metronidazole hydrochloride; incompatibilities,

midazolam hydrochloride; incompatibilities, 913 morphine sulfate; incompatibilities, 61 nafcillin sodium; incompatibilities, 1068

nitroglycerin; incompatibilities, 1417 norepinephrine bitartrate; incompatibilities, 1417 ondansetron hydrochloride; incompatibilities, 1065

paclitaxel; incompatibilities, 566 penicillin G potassium; incompatibilities, 1068 phenoxybenzamine hydrochloride; incompatibili-

ties, 2073 propafenone hydrochloride; incompatibilities,

1293 ranitidine hydrochloride; incompatibilities, 1304 remifentanil hydrochloride; incompatibilities,

sodium bicarbonate; incompatibilities, 1193 sumatriptan succinate; suspension compounding, 1619

thiotepa; incompatibilities, 2588 tobramycin sulfate; incompatibilities, 1068 TrophAmine; incompatibilities, 570

Consumers

attitudes; community pharmacy services, 531 geriatrics; coalitions, 2282 patient information; survey, 1381 prescription drugs; advertising, 2181

ethylene; copolymers, 2204 glass; dextrose-nitroglycerin incompatibilities, 1417; meropenem incompatibilities, 412; mida-zolam incompatibilities, 913; pyrimethamine

suspensions, 2714; tacrolimus suspensions, 178 incompatibilities; pentoxifylline suspensions, 1301; propafenone injections, 1293 plastics; fluorouracil incompatibilities, 1845; pyrimethamine suspensions, 2714; tacrolimus si

pensions, 178 polyethylene; acetylcysteine incompatibilities, 549

polysiopres; incompatibilities, 915 polysiopres; incompatibilities, 915 polyvinyl chloride; burnetanide, 422; ceftriaxone-metronidazole, 424; dextrose-drug incompatibil-ities, 1417; docetaxel injections, Dec 15 suppl 57; incompatibilities, 61, 566, 915, 1065, 1068, 2204; insulin-ranitidine incompatibilities, 1304; meropenem incompatibilities, 412 ropylene; copolymers, 2204

ontamination microbiological; bulk packages, 2006; sumatriptan suspensions, 1619 needles; hospital policies, 258

Contraceptives postcoital; new-drug applica-tions; FDA actions, 874

Contracts

Department of Veterans Affairs; pharmacy benefit management, 761 health maintenance organizations; community

pharmacy, 32 nanaged care systems; industry discounts, 1041

Contract services

drug distribution systems; hospital pharmacy, 37, 41, 48 health maintenance organizations; hospital rounds,

670 hospital pharmacy; costs, 43; drug distribution systems, 52; wholesalers, 45

integrated health care; statistics, 2786 pharmacists; APhA policies, 1025

pharmacy benefit management companies; inte-grated health care, 2207 ValueRx; mergers, 513 Contraindications

angiotensin-converting-enzyme inhibitors; renal artery obstruction, 1552 cidofovir; toxicity, 12 oxaprozin; asthma, 199 ritonavir; liver diseases, 126

Centrol

costs; drugs, 2302; hospitals, 1196 cross infection; prevention programs, 2185 Controlled substances distribution systems; computers, 630

documentation; surgery, 1392

Control, quality dietary supplements history; ASHP, 1240 ents; manufacturing, 1707

water; USP standards, 1633

Copolymers ethylene and propylene; containers, 2204 propylene and ethylene; containers, 2204

Correction notices, 442, 587, 1110, 1335, 1552,

Compatibility of filgrastim with selected antimicrobial drugs during simulated Y-site administration (Jan 15, 1997, Report), 587 Compatibility of selected critical care drugs during simulated Y-site administration (May 1, 1996

Metformin hydrochloride: an antihyperglycemic agent (Apr 15, 1997, Clinical Review), 1335 New trends in the drug therapy of localized and disseminated Mycobacterium avium complex in-

fection (Nov 1, 1996, Therapy Update), 442
Observational study of accuracy in compounding i.v. admixtures at five hospitals (Apr 15, 1997, Report), 1110

Pharmacists on a primary care team at a Veterans Affairs medical center (Jun 1, 1997, Report), 2517 Ouicker dosage adjustment for transdermal fenta

nyl (Jan 1, 1997, Therapy Consultation), 1552 Stability of ondansetron hydrochloride and dexamethasone sodium phosphate in infusion bags and syringes for 32 days (Jun 15, 1996, Note),

Cost-benefit, see Economics; cost-benefit analysis

Cost-effectiveness, see Economics; cost-benefit analysis Costs

analgesics and antipyretics; pain, 2451 angiotensin-converting-enzyme inhibitors; review, 2689

antibiotics; otitis media, 2736 anti-infective agents; DUE, 1837 asthma; physicians' prescribing, 2197 calcium antagonists; pharmacists' interventions,

cefotaxime sodium; comparisons, 1614 ceftriaxone sodium; comparisons, 1614 dalteparin sodium; home health care, 1995 databases; drug information, 2592; drug information centers, 1763

data collection; Internet, 1334 discounts; infant formulas, 687 discounts; illiant formulas, 60-6 divalproex sodium; prescribing, 1716 docetaxel; quality of life, Dec 15 suppl \$11 drugs; AIDS buyers' clubs, 2122; ambulatory care, 2719; i.v. to oral conversion, \$24; 1997 projec-

tions, 153; reports, 2302 enoxaparin; comparisons, 1185 enoxaparin sodium; home health care, 1995 famciclovir; postherpetic neuralgia, 1180 health care; Boston Dispensary, 1097; direct-to-consumer advertising, 2181; informatics, 274; managed care systems, 1049; models, 554

health maintenance organizations; computerized databases, 1510 heparin; comparisons, 1185

home health care; AIDS, 1407 hospital pharmacy; contract services, 43, 45; out-sourcing, 48; pharmacists' interventions, 2811,

hospitals; control, 1196; patient-focused care, 1262; pharmacists' interventions, 392; university affiliated, 1711

interventions; manual vs. bar codes, 1623 managed care systems; ambulatory care databases, 1973; disease management, 2217; formularies, 1041

paclitaxel; quality of life, Dec 15 suppl S11 palliative care; aldesleukin toxicity, 1191 pharmaceutical services; hospital rounds, 670; integrated health care, 2207; psychopharmacy clinic, 2717

pharmacy: integrated health care, 238 pharmacy, institutional; clinical information sys-tems. 1515

prescription drugs; HMO formularies, 1941; low-income patients, 1702

primary care; clinical pharmacists, 1280 propofol; review, 1953 research, 1742

roentgenographic agents; protocol analysis, 1395 surgery; arterial occlusive diseases, 1963 tests, laboratory; HIV infections, 1646, 2232 urokinase; arterial occlusive diseases, 1963; regional infusion, 1988

valproic acid; prescribing, 1716 Crack, see Cocaine

Creams

lidocaine, combination, prilocaine; phlebotomy pain, 388 tetracaine; phlebotomy pain, 388

triamcinolone acetonide: dermatitis, 1333 Creatinine; clearance; drug dosage, 2505

Critical illness onam; pharmacokinetics, 537 injections; incompatibilities, 64

Critical pathways; patient care; clinical care plans,

Cross infection; staphylococcal infections; prevention programs, 2185 Crystallization; warfarin sodium; incompatibili-

ties, 2599 Current Literature, 103, 219, 329, 462, 596, 718, 849, 998, 1128, 1217, 1360, 1461, 1561, 1667, 1772, 1908, 2015, 2136, 2250, 2414, 2528, 2635, 2772, 2830

Curriculum; education, pharmaceutical; memory disorders, 92

Cyclosporine; incompatibilities; Y-site injections, 181

Cytoprotectants mifostine: review, 787

Cytotoxic agents, see Antineoplastic agents

Dacarbazine; incompatibilities; containers, 915 Dalteparin sodium; thrombophlebitis; overview,

Databases

computers; drug information centers, 1763 drug information; comparisons, 2592 drug information centers; networks, 1930 health care; pharmacoeconomics, 2601 health maintenance organizations; administration, hospital pharmacy; drug expenditures, 2302

information; health care, 274 managed care systems; ambulatory care, 1973 pharmaceutical services: clinical information sys-

Data collection

American Society of Health-System Pharmacists;

membership, 1037
consumers; community pharmacy services, 531;
patient information, 1381; self-medication, 2664
costs; ambulatory care databases, 1973
drug abuse; adolescents, 365 drugs, adverse reactions; home health care, 1176

hospital pharmacy; i.v. to oral conversion policies, 200; latex policies, 2516; survey, 653 hospitals; pharmacists' interventions, 392 infections; medical devices, 1897

integrated health care; survey, 2786 Internet; surveys, 1334

managed care systems; National Committee for Quality Assurance, 2551 pharmacists; Wisconsin, 558 pharmacists, institutional; AIDS pharmaceutical care, 1407

Death

drugs; North Carolina, 2434 fentanyl; toxicity, 85 patients; pharmacists' relations, 753 sodium phosphate dibasic; hyperphosphatemia, 2488

Decision-making clinical pharmacists; models, 1307

computers; medical logic modules, 281 formularies; authorization programs, 1941; models, Nov 15 suppl S5 hospital pharmacy; computers, 639; computer

models, 2491 models; cost-benefit analysis, 1180

pharmacists; staff performance, 2680

Degrees

Bachelor of Science; ACPE phaseout, 2439 Doctor of Pharmacy; accreditation standards, 2439; clerkships, 1727; pharmacists' careers. 1236; resients, 1521

DEHP, see Diethylhexyl phthalate Dehydrated alcohol, see Alcohols, ethyl Delavirdine mesylate; approvals; FDA, 1233 Dementia; donepezil hydrochloride; review, 2805 Demographics; pharmacists; specialty examina-

Department of Health and Human Services patient information; regulations, 352 rotocols: antivirals, 1681

public health; Healthy People 2000, 2169 Department of Veterans Affairs; pharmaceuti-cal services; administration, 761

Dependence: drugs: students, 365 Depression; methylphenidate; geriatrics, 2510 Dermatitis; losartan potassium; adverse reactions,

Desensitization; sulfamethoxazole, combination, trimethoprim; allergies, 1545

home tests: blood dextrose, 1058 infusion pumps; elastomeric, 915; home health care, 2230; portable, 1277; reservoir incompati-bilities, 1068; reservoirs, 1845 inhalers: metered dose, 1021

medical; infection monitoring, 1897 stents: coronary disease, 437

Dexamethasone sodium phosphate; incompati-bilities; ondansetron, 1065 Dexfenfluramine; toxicity; heart diseases, 1785 Dexfenfluramine hydrochloride

product withdrawal; toxicity, 2269 review, 2059

Dextruse

administration rate; portable infusion pumps, 1277 blood levels; insulin protocols, 1046; self-monitoring, 1062

diluents; amphotericin B incompatibilities, 683; antineoplastic incompatibilities, 566: ceftriaxon metronidazole, 424; ciprofloxacin incompatibili-ties, 1193; cisatracurium incompatibilities, 1735; dexamethasone-ondansetron incompatibilities, 1065; doxorubicin, 2708; drug stability, 915; granisetron incompatibilities, 56; incompatibilities, 64, 1295, 1417; injections, 1845; propofol emulsions, 1287; remifentanii incompatibilities, 2192 home tests; blood levels, 1058

hyperphosphatemia; sodium phosphate toxicity, 2488

incompatibilities; bumetanide, 422; midazolam, 913; propafenone, 1293 Diabetes mellitus

acarbose; interactions, 1551 cisapride; gastroparesis, 2609 dextrose; self-monitoring, 1062

erythromycin lactobionate; gastroparesis, 2609 insulin; protocols, 1046

metformin hydrochloride; non-insulin dependent, patient education: Medicare reimbursement, 2433

patient information; consultation, 2449 troglitazone; FDA approvals, 623

Diacetylmorphine abuse: adolescents, 365

pain; pharmacist consultation, 2451

Diagnosis

attention deficit disorder with hyperactivity; pediatrics, 2685 depression; geriatrics, 2510

thrombophlebitis: diagnosis, 66 Dialysis; pharmaceutical services; i.v. syringe check-

ing, 1611

ing, 1611
Diarrhea; therapy; pharmacists' protocols, 680
Dietary Supplement Health and Education
Act of 1994; labeling; FDA regulations, 2561
Dietary supplements

control, quality; laws, 1707 ephedrine; FDA regulations, 1578 ginseng; interactions, 692 labeling; FDA regulations, 2561

sodium phosphate dibasic; errors, 2488

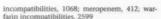
Diethylhexyl phthalate; leaching; antineoplastic

agents, 566; docetaxel injections, Dec 15 suppl S7 Diluents

alcohols, ethyl; docetaxel incompatibilities, 566 dextrose; amphotericin B incompatibilities, 683; antineoplastic agents incompatibilities, 915; antineoplastic incompatibilities, 566; bumetanide, 422; ceftriaxone-metronidazole, 424; ciprofloxa-cin incompatibilities, 1193; dexamethasoneondansetron incompatibilities, 1065; doxorubi-cin incompatibilities, 2708; fluorouracil injections, 1845; granisetron incompatibilities, 56; in-compatibilities, 1295, 1417; midazolam incompatibilities, 913; propafenone incompatibilities, 1293; propofol emulsions, 1287; remifentanil incompatibilities, 2192

sodium chloride; antibiotic-polyvinyl chloride incompatibilities, 1068; antineoplastic agents in-compatibilities, 915; antineoplastic incompatibilities, 566; bupivacaine-morphine incompati-bilities, 61; ceftriaxone-metronidazole, 424; cidofovir injections, 2204; ciprofloxacin incompatibilities, 1193; dexamethasone-ondansetron incompatibilities, 1065; doxorubicin incompatibilities, 2708; granisetron incompatibilities, 56; incompatibilities, 1295; insulin-ranitidine incomatibilities, 1304; meperidine, 205; meropenem, 412; midazolam incompatibilities, 913; pro-pafenone incompatibilities, 1293; propofol emulsions, 1287; remifentanil incompatibilities, 2192; thiotepa incompatibilities, 2588

water for injection; antibiotic-polyvinyl chloride



Diphtheria and tetanus toxoids; immunization; adults, 379

Diphtheria and tetanus toxoids and pertussis vaccines; combination, Haemophilus b oligosac-charide vaccines; concomitant therapy, 2488 Disaster planning; hospital pharmacy; emergency

services, 1110

Disasters; pharmaceutical services; hospitals, 1110

Disease management asthma; DUR, 2197

managed care systems; administration, 2217 myocardial infarction; protocols, Nov 15 suppl S9 pain; NABP resolutions, 1932; pharmacists' role,

pharmaceutical services; clinical care plans, 314 pharmacists, institutional; patient education, 1497 pharmacy, community; services, 32 thrombolytic agents; myocardial infarction, Nov 15 suppl S3

ases; economics; ambulatory care databases, 1973

Dispensing

automation; mail order, 520; United States Navy, 778 gene therapy; handling, 1604 hospital pharmacy; automation, 45; methodology,

unit dose; i.v. syringe checking, 1611 Dissolution; drugs; USP standards, 1633

Diuretics bumetanide; stability, 422

furosemide; absorption, 2609; incompatibilities, 64 Divalproex sodium; substitution; mental retardation facilities, 1716

Docetaxel

incompatibilities; polyvinyl chloride, 566 mechanism of action; overview, Dec 15 suppl S2 neoplasms; overview, Dec 15 suppl \$19 overview, Dec 15 suppl \$7 pharmacoeconomics; comparisons, Dec 15 suppl

pharmacokinetics; clinical studies, Dec 15 suppl S16

Documentation

allergies: medical records, 1627 computers; clinical interventions, 1727 controlled substances; computers, 630; surgery, 1392

health maintenance organizations: formularies, 1941

hospital pharmacy; pharmacists' rounds, 670 interventions; hospital pharmacists, 1596; manual vs. bar codes, 1623

outcomes; i.v. to oral conversion, 524; JCAHO stan-dards, 743

personnel; latex allergies, 1071 pharmaceutical services; clinical care plans, 314;

clinical information systems, 1505 pharmacists; rational therapy, 527 pharmacists, community; disease management, 32 pharmacists, hospital; clinical interventions, 1722; interventions, 392 pharmacists, institutional; interventions, 2503

pharmacy, institutional; patient consultation, 1515 Donepezil hydrochloride; Alzheimer's disease; re-

view, 2805 Dopamine hydrochloride; incompatibilities; dextrose, 1417

Dosage

alteplase; forms, 1447 amifostine; review, 787 amphotericin B; liposomes, 2426 analgesics and antipyretics; pain, 2451

angiotensin-converting-enzyme inhibitors; review,

antineoplastic agents; innovative therapy, 572 antipsychotic agents; basal ganglia diseases, 2461 antivirals; HIV infections, 2652 ardeparin sodium, 1575

aspirin; myocardial infarction, 1949; myocardial infarction prophylaxis, 1984 azelastine hydrochloride, 234 bromfenac sodium; overview, 2151

bupropion hydrochloride; smoking cessation, 1478 cerivastatin sodium; overview, 1793 cisapride; gastroparesis, 2609

cisapnie; gastroparesis, zou? delavirdine mesylate; FDA approvals, 1233 dexfenfluramine hydrochloride; review, 2059 docetaxel; overview, Dec 15 suppl S7, S19; pharma-cokinetics, Dec 15 suppl S16 donepezil hydrochloride; review, 2805

drugs; computer checking, 545; kidney failure,

enoxaparin sodium; thrombophlebitis, 1968 errors, medication; compounding errors, 1449 fentanyl; i.v. to transdermal, 87 furosemide: gastroparesis, 2609 gemcitabine; review, 162 glyburide; diabetes mellitus, 1062

insulin; sliding scales, 1046 interferon alfacon-1; overview, 2656 losartan potassium; adverse reactions, 1333 metformin hydrochloride; review, 893 mibefradil dihydrochloride; overview, 2033 minerals; dietary reference intakes, 2438

mupirocin calcium; review, 2185 mycophenolate mofetil; review, 285 nelfinavir mesylate; FDA approvals, 1233 nicotine; inhalers, 1478

nitrogen; enteral nutrition, 2239 overdose; emergency room visits, 295; fentanyl, 85; sodium phosphate, 2488 patches transdermal; reduced, 1759

piperacillin sodium, combination, tazobactam so-dium; interactions, 2704 pramipexole dihydrochloride; overview, 1922 propofol; fat emulsions, 2515

proteins; enteral nutrition, 2239 quetiapine fumarate; overview, 2547

reteplase; myocardial infarction, 12 ropinirole hydrochloride; Parkinson's disease, 2655 sermorelin acetate: overview, 2547 sulfamethoxazole, combination, trimethoprim; desensitization, 1545

tazarotene; overview, 2037 tiagabine hydrochloride; overview, 2544 tiludronate disodium; overview, 1145 tramadol: review, 643

tramadol hydrochloride; DUE, 696 troglitazone, 623 urokinase; DUE criteria, 2000, 2002

vasopressin: home infusion, 2230 vincristine sulfate; toxicity, 1755 vitamins; dietary reference intakes, 2438

Dosage forms

aspirin; myocardial infarction, 1949 fentanyl; transdermal patches, 85 sustained-action medications; patient information, 2403

Dosage schedules

lgesics and antipyretics; pain, 2451 angiotensin-converting-enzyme inhibitors; initiation, 2689

antiemetics; Medicare reimbursement, 2433 anti-infective agents; DUE, 1837 antituberculars; ASHP protocols, 428 antivirals; HIV infections, 2652 cefotaxime sodium; cost comparison, 1614 ceftriaxone sodium; cost comparison, 1614 drugs; long term, 2084

epoprostenol; congestive heart failure, 2613 fentanyl citrate; injections, 87 hypotensive agents; long term, 2079 insulin; sliding scales, 1046

interferon alfa-2a; renal cell carcinoma, 190 interferons; hepatitis C, 1140

parenteral nutrition; long term, 1789 piperacillin sodium, combination, tazobactam sodium; interactions, 2704 propofol; fat emulsions, 2515; long term, 694

sulfamethoxazole, combination, trimethoprim; desensitization, 1545 tretinoin; renal cell carcinoma, 190 vaccines; adolescents, 494

Doxorubicin hydrochloride; incompatibilities; containers, 915; i.v. injections, 2708

Drug abuse adolescents; survey, 365 athletes; Olympic Games, 1053 fentanyl; transdermal patches, 85 interactions; nonprescription drugs, 1762 methamphetamine; toxicity, 586 patient information; hospital pharmacists, 564

Drug administration

amifostine; review, 787 cefotaxime sodium; cost comparisons, 1614 cidofovir; toxicity, 12 controlled substances; automation, 630 fentanyl: transdermal patches, 87 injections; needle-stick policies, 258 self-medication; consumer survey, 2664; dextrose

levels, 1058; enoxaparin, 1968 vaccines; pharmacists, 490 vasopressin; home infusion, 2230 Drug administration rate

infusion pumps; portable, 1277 granisetron hydrochloride; toxicity, 1172 transdermal; fentanyl, 87

Drug administration routes

In utero; HIV infection prophylaxis, 1018 intra-arterial; urokinase, 1988 intranasal; azelastine, 234; methamphetamine, 586; mupirocin, 2185

intravenous; antineoplastic agents, 830; conversion to oral, 200, 524; fentanyl, 87; granisetron vs. ondansetron, 1172; urokinase, 1988

oral; antiemetics, 830; conversion from i.v., 200, 524; furosemide, 2609; hypotensive agents, 2609 transdermal; dosage, 1759; fentanyl toxicity, 85

Drug administration sites; urokinase; regional

infusions, 2000; thrombosis, 1988

Drug administration systems; ceftriaxone sodi-

um; cost comparisons, 1614

Drug comparisons
alteplase and reteplase; myocardial infarction, Nov 15 suppl S27

anti-infective agents, nafcillin and oxacillin; adverse reactions, 1176 cefotaxime sodium and ceftriaxone sodium; dosage

schedules, 1614 ceftriaxone sodium and cefotaxime sodium; dosage schedules, 1614

divalproex sodium and valproic acid; epilepsy, docetaxel and paclitaxel; pharmacoeconomics, Dec

15 suppl S11 enoxaparin and heparin; pharmacoeconomics,

granisetron and ondansetron; antineoplastic toxicity, 2478

granisetron hydrochloride and ondansetron hydrochloride; toxicity, 1172 heparin and enoxaparin; pharmacoeconomics,

lidocaine, combination, prilocaine and tetracaine;

phlebotomy pain, 388 nafcillin, anti-infective agents and oxacillin; adverse reactions, 1176

ondansetron and granisetron; antineoplastic toxicity, 2478 ondansetron hydrochloride and granisetron hydro-

chloride; toxicity, 1172 oxacillin, anti-infective agents and nafcillin; ad-

verse reactions, 1176
paclitaxel and docetaxel; pharmacoeconomics, Dec

15 suppl S11 reteplase and alteplase; myocardiai infarction, Nov

15 suppl S27 serums; pregnancy, 1018

surgery and urokinase; arterial occlusive diseases, 1963

tetracaine and lidocaine, combination, prilocaine; phlebotomy pain, 388 urokinase and surgery; arterial occlusive diseases, 1963

valproic acid and divalproex sodium; epilepsy, 1716

Drugdex; databases; comparisons, 2592 Drug distribution; pharmacy, institutional; mail

er. 520 **Drug distribution systems**

administration; pharmacists' opportunities, 1049 controlled substances; computers, 630

errors, medication; methodology, 171 home health care; AIDS, 1407 hospital pharmacy; contract services, 37, 41, 43, 52; gene-therapy handling, 1604; outsourcing mod-

els, 48; survey, 653; wholesalers, 45 hospitals; patient-focused care, 1262 unit dose; i.v. syringe checking, 1611 Drug histories, see Patient information; drug

histories Drug information

computers; academic centers, 1763; patient-focused care, 1501; programs, 281 databases; comparisons, 2592 education, pharmaceutical; museum exhibits, 1236

education, pnarmaceutica; museum extinoir industry, pharmaceutica; AHIP policies, 30 Internet; pharmacy news groups, 1732 medicinal plants; sources, 2656 newspapers; drug abuse, 1762 patient information; private sector, 352 pharmacists, hospital; patient-focused care, 1262 pharmacists, institutional; hospital rounds, 670

technology; pharmacists' role, 2503 ications; networks, 1930 writing; guidelines, 1572

Drug information centers

databases; administration, 1763 information; errors, 1732

telecommunications: networks, 1930

Drug Information Fulltext; databases; comparisons, 2592 Drug Information Network; administration;

mmunications, 1930 Drug interactions

acarbose and warfarin: blood coagulation, 1551 angiotensin-converting-enzyme inhibitors; review, 2689

cidofovir; toxicity, 12

cisapride and warfarin sodium; hypoprothrombinemias, 320

computers; pharmacists' interventions, 2719 donepezil hydrochloride; review, 2805

food; pharmacists' interventions, 405 gentamicin and piperacillin sodium, combination, tazobactam sodium; pharmacokinetics, 2704

ginseng and warfarin sodium; international normalized ratio, 692

hospitals; admissions, 295 metformin and roentgenographic agents; lactic acidosis, 587

metformin hydrochloride; review, 893

monitoring; computers, 1515 parenteral nutrition and propofol; hypertriglyceri-

demia, 2515 patient information; pharmacists, 2664

pleracillin sodium, combination, tazobactam so-dium and gentamicin; pharmacokinetics, 2704 prescriptions; patient information, 2664 propofol and parenteral nutrition; hypertriglyceri-

demia, 2515 pseudoephedrine hydrochloride, combination, ter-

fenadine; product withdrawal, 342 ritonavir; toxicity, 126

roentgenographic agents and metformin; lactic aci-dosis, 587

terfenadine; product withdrawal, 342 warfarin sodium and acarbose; blood coagulation,

warfarin sodium and cisapride; hypoprothrombinemias, 320 warfarin sodium and ginseng; international nor-

malized ratio, 692 Drug product selection, see Substitution; ge-

Drug Reaction Alerts, 103, 329, 596, 849, 1128, 1360, 1561, 1772, 2015, 2250, 2528, 2772

Drugs approvals: amphotericin B. 2426: antivirals, 1233: ardeparin, 1575; azelastine, 234; bromfenac, 2151; bupropion, nicotine, 1478; cerivastatin, 1793; FDA, 1996, 494; fexofenadine, 342; inter-feron alfacon-1, 2656; mibefradil, 2033; pramipexole, 1922; quetlapine, 2547; reteplase, 12; ro-pinirole, 2655; sermorelin, 2547; tazarotene, 2037; tiagabine, 2544; tiludronate, 1145; troglita-zone, 623; USPHS pharmacists, 766

emergency; disasters, 1110 generic; estrogens, conjugated, 1376; narrow therapeutic index, 1630; patient information, 2664 illicit; AIDS buyers' clubs, 2122; students' abuse,

new; FDA approvals, 494 recall; product withdrawal, 2269 recalls; levothyroxine, 2151

reconstitution; meropenem, 412 selection; ACE inhibitors, 2689; analgesics, 2451; antidepressants, 2510; antivirals, 1681, 2652; aspirin, 1949; clinical care plans, 314; i.v. to oral conversion, 524; S. pneumoniae resist unapproved; AIDS buyers' clubs, 2122 miae resistance, 527

Drugs, adverse reactions see also Toxicity

acarbose; interactions, 1551 anticonvulsants; cross-sensitivity, 2616

anti-infective agents; comparisons, 1176 hospitals; admissions, 295 latex; allergies, 1071, 1688, 2517; pharmacy policies, 2516

losartan potassium: dermatitis, 1333 nafcillin; comparisons, 1176 oxacillin; comparisons, 1176

oxaprozin; status asthmaticus, 199

pharmacists, hospital; patient-focused care, 1262 reports; dietary supplements, 1707; therapeutic interchange, 1149

roentgenographic agents; protocols, 1395 sulfamethoxazole, combination, trimethoprim; allergies, 1545

warfarin sodium; interactions, 1551

Drugs, availability; United States Pharmacopeia; standards, 1633

Drugs, body distribution

aminoglycosides; patients' weight, 2201; pharma-cokinetic calculations, 541 aztreonam; critical illness, 537

Drugs, clinical effectiveness; myocardial infarc-tion; thrombolytic agents, Nov 15 suppl \$23

Drugs, investigational

clinical studies; pharmaceutical services, 1742 gene therapy; handling, 1604 new-drug applications; FDA regulations, 874; levothyroxine, 2151

Drugs, nonprescriptionclassification; prescription to nonprescription,
1207

consumers; self-medication, 2664 interactions; drug abuse, 1762

pseudoephedrine hydrochloride, combination, ter-fenadine; product withdrawal, 342 terfenadine; product withdrawal, 342 toxicity; emergency room visits, 295

analgesics and antipyretics; consumers, 2664

divalproex sodium; costs, 1716 evaluation; antibiotics, 2736; anti-infective agents, 1837; clinical information systems, 1515; mail-order prescriptions, 613; tramadol, 696; urokinase criteria, 2000, 2002

gastrointestinal drugs; con pharmaceutical services; integrated health care,

pharmacists, hospital; interventions, 1596 pneumococcal vaccines; pharmacists' role, 527 review; asthma prescribing, 2197 valproic acid; costs, 1716

women; FDA programs, 2288 DUE Criteria, 696, 2000 tramadol hydrochloride, 696 urokinase, 2000, 2002

Dyspnea; vasopressin; toxicity, 2230 Dystonia; antipsychotic agents; toxicity, 2461

Echinococcosis; albendazole; monitoring, 319 **Economics**

computers; health care, 263 contract services; hospital pharmacy, 37, 41 contract services; nospital pharmacy, 37, 41 cost-benefit analysis; calcium antagonists, 2079; cefotaxime vs. ceftriaxone, 1614; docetaxel vs. paclitaxel, Dec 15 suppl 511; drug information databases, 2592; enoxaparin vs. heparin, 1185; famciclovir, 1180; formularies, 95; hospital pharmacy, 1196; institutional pharmacists, 2503, 2668; i.v. to oral conversion, 524; otitis media, 2736; pharmaceutical care, 554; pharmacists' interventions, 2811, 1591; roentgenographic agents protocols, 1395; thrombolytic agents, Nov 15 suppl S23

iseases; ambulatory care databases, 1973 financial management; pharmacy benefits, 2207 health care; technology, 269 pharmacists; hours, 558

pharmacists; nours, 539 pharmacy; drug cost projections, 153 Edetate disodium; incompatibilities; acetylcys-teine, 549; captopril, 2483 Editorials, 37, 263, 375, 527, 639, 757, 1049, 1273,

1501, 1707, 1804, 1949, 2055, 2181, 2457, 2685, 2803

Adverse reactions to alternative medicine, 1707 ASHP's Web site. 1273

An aspirin a day: advice that makes sense, 1949 Chasing the curve of innovation: trends from the

1996 survey, 639 Combating tuberculosis, 375 Controlling pneumococcal resistance to penicillin,

Direct-to-consumer prescription drug advertising,

The Joseph A. Oddis Endowment, 1804 Making software work for pharmacy, 1501

Managed care backlash, 1049 Outsourcing drug distribution, 37

Patient-centered computing, 263
Promoting rational thought about ADHD, 2685 Promoting use of angiotensin-converting-enzyme inhibitors, 264

Safe use of niacin, 2803 Slowing the emergence of multidrug-resistant pathogens, 2457

Training pharmacists for careers in managed care, 2055

Trouble on the Internet, 757

Education

athletes; drug abuse, 1053 health professions; enteral nutrition, 2239; Medicare reimbursement, 2433

nurses: i.v. to oral conversion, 524

personnel; latex allergies, 1071 physicians; ACE inhibitors, 264; antibiotic resistance, 2457; i.v. to oral conversion, 524; Medicare reimbursement, 2433; pharmacy students, 1727

universities: hospitals, 1711

Education, pharmaceutical anticoagulants; ASHP traineeship, 2169

clerkships; clinical interventions, 1727; community service, 354

clinical pharmacy; prisons, 674 continuing; pharmacists' competence, 2433; technician certification, 1486; United States Navy,

degrees; accreditation, 2439

drug information; museum exhibits, 1236

pharmacists; hyperactivity, 2685; immunization programs, 490; job description, 1260; new roles, 1477; United States Air Force, 783; United States Army, 773; United States Navy, 778

pharmacists, hospital; administration, 1076; clini-cal interventions, 1722; disasters, 1110; training programs, 1794

rational therapy; antibiotics, 575

residencies; Department of Veterans Affairs, 761; drug information, 1930; job satisfaction, 1521; managed care systems, 2055, 2099; memory dis-orders, 92; self-renewal programs, 2116; survey, 653

standards; NABP resolutions, 1932

technicians; certification, 2562; United States Air Force, 783; United States Army, 773; United States Navy, 778 Educators; pharmacists; Internet, 34

Elements; trace; parenteral nutrition, 570 Elimination, see Metabolism

Embolism; warfarin sodium; interactions, 1551 Emergencies; alteplase; protocols, 1447

Emergency kits; hospital pharmacy; disasters, 1110 **Emergency services**

hospital pharmacy; disasters, 1110 pharmacists, hospital; patient-focused care, 1262

Employment pharmacists; professional competence, 1260; resignation, 1946

technicians; certification, 2562

Emulsions; propofol; incompatibilities, 1287 England; pharmacists, hospital; interventions, 1596 Enoxaparin; pharmacoeconomics; comparisons,

Enoxaparin sodium; thrombophlebitis; home health care, 1968; overview, 1995 Enterococcus species; resistance; anti-infective

Enzyme inhibitors: cilastatin sodium, combinaimipenem; incompatibilities, 185

Ephedrine; dietary supplements; FDA regulations,

Epidemiology; pne moniae infections, ococcal infections; S. pneu-15, 575 **Epilepsy**

divalproex sodium; substitution, 1716 valproic acid; substitution, 1716

Epinephrine; heart arrest; therapy, 85 Epinephrine hydrochloride; incompatibilities; dextrose, 1417

Epoprostenol; heart failure; congestive, 2613

computers; health care, 269 hospital costs; pharmacy outsourcing, 48 hospital pharmacy; ambulatory care, 1584 Equivalency; fentanyl; i.v., transdermal, 87

Equivalency, generic drugs; narrow therapeutic index, 1630 levothyroxine sodium; FDA regulations, 2151 prescription drugs; patient information, 2664

codes; ambulatory care databases, 1973 compounding; automation, 678

documentation; manual vs. bar codes, 1623 drug information; Internet, 1732

Errors, medication dosage; compounding, 1449; computer checking, 545 geriatrics; coalitions, 2282 hospital pharmacy; methodology, 171

injections; i.v. compounding, 904; i.v. syringe checking, 1611; storage, 2006 insulin; sliding scales, 1046 nomenclature; computer models, 1161 pharmacists; role, 1477 ritonavir; nomenclature, 126 sodium phosphate dibasic; dosage, 2488 television; PBS programs, 1486 USP quality control; USP, 1240

Erythema nodosum; thalidomide; FDA regulations, 2270 Erythromycin lactobionate; gastroparesis; furo-

semide absorption, 2609
Estrogens; estrogens, conjugated; FDA regulations,

Estrogens, conjugated; generic; FDA regulations,

Ethanol, see Alcohols, ethyl Ethics

American Journal of Health-System Pharmacy; authorship policies, 30 committees; hospitals, 2007

personnel, pharmacy; code of conduct, 142 pharmacists; managed care systems, 1041; pharmaceutical care, 2733 pharmacists, hospital; infant formula kits, 687

quackery; Internet, 757 icides; physician-assisted, 1025

Ethylene; copolymers; propylene, 2204 Etilefrine hydrochloride; sustained-action; excretion, 2403

certification; pharmacotherapy, 1015 clinical pharmacy; training, 674

pharmacists; professional competence, 2433 drugs; USP standards, 1633 odium deoxycholate; amphotericin B, 2426

Excretion ninoglycosides; patients' weight, 2201; pharmacokinetic calculations, 541 creatinine; drug dosage, 2505 docetaxel; dosage, Dec 15 suppl \$16 tablets: stools, 2403

Extravasation; roentgenographic agents; protocols,

F

Facts and Comparisons; databases; comparisons, Famciclovir; neuralgia; postherpetic, 1180

Fat emulsion propofol; calories, 2515; parenteral nutrition, 694

soybean oil; incompatibilities, 683 Fees; technicians; recertification, 1486 Fenfluramine; toxicity; heart diseases, 1785 Fenfluramine hydrochloride; product with-

drawal; toxicity, 2269 Fentanyl abuse; transdermal patches, 85

transdermal patches; i.v. to transdermal, 87 Fentanyl citrate; injections; i.v. to transdermal, 87 Fexofenadine hydrochloride; metabolites; terfenadine, 342

Filgrastim; incompatibilities; anti-infective agents,

Flow; rates; portable infusion pumps, 1277 Fluconazole; incompatibilities; filgrastim, 185 Fluorides; dosage; dietary reference intakes, 2438 Fluorouracii; incompatibilities; containers, 1845 Food; interactions; pharmacists' interventions, 405

Food and Drug Administration (U.S.) approvals; amphotericin B liposomes, 2426; antiviral marketing, 1233; ardeparin, 1575; azelastine, 234; bromfenac, 2151; cerivastatin, 1793; inter-feron alfacon-1 marketing, 2656; mibefradil, 2033; new drugs, 494; pramipexole, 1922; quetiapine, 2547; reteplase marketing, 12; ropinirole marketing, 2655; sermorelin, 2547; smoking cessation therapy, 1478; tazarotene, 2037; tiagabine, 2544; tiludronate, 1145; troglitazone, 623

attitudes; narrow therapeutic index, 1630 dexfenfluramine hydrochloride and fenfluramine hydrochloride; product withdrawal, 2269 drugs, adverse reactions; therapeutic interchange,

FDA Medical Products Reporting Form and Instructions, 101, 1559 guidelines; direct-to-consu er advertising, 2181;

gene-therapy handling, 1604 health care; women, 2288

interferon alfa-2b; dosage schedules, 1140 MedGuide; patient information, 352 new-drug applications; oral contraceptives, 874 paclitaxel; labeling, 2128 pacturaxe; latering, 2128 product withdrawai; terfenadine, 342 protease inhibitors; hyperglycemia toxicity, 1575 regulations; AIDS buyers' clubs, 2122; anorexics la-beling, 1785; chlorofluorocarbons, 1021; dietary supplement labeling, 2561; dietary supplements, 1707; ephedrine, 1578; estrogens, conjugated, 1376; gene therapy, 877; Internet, 757; levothyroxine, 2151; tobacco, 2050

role; quality control reports, 1240 thalidomide; marketing regulations, 2270 United States Public Health Service; pharmaceutical services, 766 vitamins; imports, 1789 withdrawal, 2269

Forms

alteplase; dosage, 1447 data collection; device-related infections, 1897 hospital pharmacy; personnel competence, 1412 Formularies:

calcium antagonists; costs, 2079 decision-making; models, Nov 15 suppl S5 drugs, adverse reactions; therapeutic interchange, 1149 health maintenance organizations; authorization

programs, 1941 history; Boston Dispensary, 1097 hospital pharmacy; ACE inhibitors, 2689; adminis-tration, 1076; amifostine. 787; cost-benefit analvsis, 95; survey, 653

tegrated health care; U.S., 238 pharmacy, institutional; clinical information sys-

restricted; managed care systems, 1041

Formulations amphotericin B; FDA approvals, 2426 captopril: oral liquids, 2483 docetaxel; overview, Dec 15 suppl \$7 enteral nutrition; labeling, 2239 medicinal plants; efficacy, 2656 parenteral nutrition; automated compounding, 678; incompatibilities, 1295 propofol; fat emulsions, 2515 ursodiol; suspensions, 1401

Foundation for Accountability; reports; managed care systems, 1528
France; laws; hospital pharmacists, 1110

Freezing; propafenone hydrochloride; incompati-bilities, 1293

Frontline Pharmacist, 34, 258, 524, 753, 1046, 1262, 1702, 1946, 2174, 2451, 2680 Decentralizing an i.v.-to-oral conversion program,

Guiding patients to better pain relief, 2451 Leaving a job on an up note, 1946 Pharmacists in patient-focused care, 1262 Preparing for the last visit with a dying patient, 753 Prioritizing pharmacy services in the emergency department, 1702

Recapping needles in the pharmacy, 258 Recognizing a nurse as team leader, 2174 Standardizing regimens for sliding-scale insulin, 1046

surfing the Net for pharmacy sites, 34 Work styles, 2680

absorption; prokinetic agents, 2609 incompatibilities; i.v. additives, 64

2609

Gastrointestinal drugs

astrontessmal urugs cisapride; gastroparesis, 2609; interactions, 320 erythromycin lactobionate; gastroparesis, 2609 histamine H, antagonists; latex allergies, 2516 incompatibilities; propofol, 1287 omeprazole; stability, 1833 prescribing; anticonvulsant toxicity, 1716 rantidine hydrochloride; incompatibilities, 1304 use; consumers, 2664

Gastrointestinal hemorrhage; vasopressin; home infusion, 2230

Gastroparesis cisapride; drug absorption, 2609 erythromycin lactobionate; furosemide absorption,

Gemcitabine; review, 162 Generic substitution, see Substitution; gener-

Gene therapy headling; hospital pharmacy, 1604 is gulations; FDA, 877

Gentamicin

interactions; piperacillin-tazobactam, 2704 pharmacokinetics; Bayesian calculations, 541; patients' weight, 2201 Gentamicin sulface; incompatibilities; filgrastim,

Geography; pharmacists, hospital; France, 1110

antidepressants; selection, 2510

errors, medication; coalitions, 2282 immunization; APhA guidelines, 2553 prescriptions; mail order, 613 Gilead Sciences; cidofovir; toxicity warnings, 12 Ginseng; interactions; warfarin, 692

containers; dextrose-nitroglycerin incompatibili-ties, 1417; midazolam incompatibilities, 913 incompatibilities; meropenem, 412; pentoxifylline suspensions, 1301; pyrimethamine suspensions,

2714; tacrolimus suspensions, 178

Globulin immune; HIV infections; pregnancy,

Gloves; latex; allergies prophylaxis, 1688 Glucose, see Dextrose Glyburide; diabetes mellitus; dosage, 1062

Glycerin; vehicles; ursodiol suspensions, 1401 Good Manufacturing Practices; industry, pharmaceutical; dietary supplements, 1707 Granisetron; nausea; comparisons, 2478

Granisetron hydrochloride incompatibilities; i.v. additives, 56

stability; compounding, 1404 toxicity; comparisons, 1172 Grants; ASHP Research and Education Foundation; J. Oddis endowment, 1804

Group purchasing, see Purchasing Growth disorders; sermorelin acetate; FDA approvals, 2547

see also Protocols

American Pharmaceutical Association; immunization, 2553

American Society of Health-System Pharmacists; clinical care plans, 314; patient consultation, 431; recruitment, 1260; S. pneumoniae resistance,

Food and Drug Administration; direct-to-conadvertising, 2181; gene-therapy handling, 1604 health care; Internet information, 757

health maintenance organizations; pharmaceutical services, 32

hospital pharmacy; contract services, 43 International Pharmaceutical Federation; drug do-nations, 2800

National Institute for Occupational Safety and Health; latex allergies, 1688 patient information; writing, 1572

Haemophilus b oligosaccharide vaccines; com-bination, diphtheria and tetanus toxoids and pertussis vaccines; concomitant therapy, 2488

Half-life

aminoglycosides: patients' weight, 2201 gentamicin; piperacilliin-tazobactam interactions,

Halfucinogens; abuse; adolescents, 500 Harvey A. K. Whitney Lecture Award; pharmacy; professional practice, 1827 conductors; docetaxel; overview,

Dec 15 suppl S19

Health-benefit programs contracts; disease management, 32

managed care systems; quality assurance, 2551 Medicaid; asthma DUR, 2197 Medicare; capitation, 2449; reimbursement policies, 830; reimbursement regulations, 2433 membership; U.S., 19 third party; AIDS home care, 1407; clinical studies, 1742; innovative therapy, 572

United States Air Force; managed care, 783 United States Army; managed care, 773 United States Navy; managed care, 778

Health care

computers; pharmacists' role, 263 costs; direct-to-consumer advertising, 2181; managed care systems, 1049 databases; pharmacoeconomics, 2601

education; universities, 1711 geriatrics; medication errors, 2282

geriatrics; medication errors, 2282. history; Boston Dispensary, 1997 home; adverse drug reactions, 1176; AIDS pharma-ceutical care, 1407; computers, 269; data collec-tion, 2044; enoxaparin, 1968; low-molecular-weight heparins, 1995; memory disorders, 92; patient consultation, 431; reimbursement, 2433; vasopressin, 2230 Hungary; politics, 1207

information; Internet, 34, 757 patient education; pharmacists, 1497 pharmaceutical care; outcomes, 1434 pharmacists; role, 1477 pharmacists, fore, 1477 pharmacists, institutional; future, 2503 quality assurance; hospitals, 2238 technology; information, 274 women; FDA programs, 2288; psychopharmacy clinic, 2717

Health maintenance organizations

administration; computerized databases, 1510; indigent patient consultation, 2449 costs; antibiotics, 2736; purchasing, 153 disease management; pharmaceutical services, 32 formularies; authorization programs, 1941 home health; age, executions of the computer of the comp home health care; enoxaparin monitoring, 1968 membership; U.S., 19 ownership; hospitals, 2044 pharmaceutical services; clinical information systems, 1515; psychopharmacy clinic, 2717 pharmacy, institutional; hospital rounds, 670 prescriptions; mail order, 520 Health Plan Employer Data and Information

Set; quality assurance; managed care systems, 1528 Health professions

communication; HMOs, 1510 contract services; pharmacists, 1025 documentation; allergies, 1627 drugs, adverse reactions; therapeutic interchange,

education; enteral nutrition, 2239; Medicare reimbursement, 2433; universities, 1711 guidelines; Internet information, 757

monitoring; niacin toxicity, 2803, 2815 quality assurance; health care, 2238 Health Resources and Services Administra-tion; United States Public Health Service; pharma-ceutical services, 766

Hearing disorders; amifostine; prophylaxis, 787 Heart arrest; fentanyl; toxicity, 85 Heart diseases; anorexics; toxicity, 1785

Heart failure; epoprostenol; congestive, 2613 Hematologic diseases

amifostine; prophylaxis, 787 aminoglycosides; pharmacokinetic calculations,

Hematopoietic agents; filgrastim; incompatibilities, 185 Hemorrheologic agents; pentoxifylline; stability,

Hemostatics; vasopressin; home infusion, 2230 Henderson v. Bodine Aluminum; health-benefit

programs; innovative therapy, 572

Henry J. Kniser Family Foundation; protocols; rals, 1681

Heparin

myocardial infarction; protocols, Nov 15 suppl 59
pharmacoeconomics; comparisons, 1185
Heparins; low molecular weight; overview, 1995
Heparins sodium; myocardial infarction; methamphetamine toxicity, 586
Hepatitis A vaccines; immunization; adults, 379
Hepatitis A vaccines; immunization; adults, 379

Hepatitis C interferon alfacon-1; FDA approvals, 2656

interferons; protocols, 1140 Hepler, C.; pharmacy; future, 1012

Heroin, see Diacetylmorphine Herpes vaccines; adults; research, 379 Herpes zoster; famciclovir; cost-benefit analysis, 1180

Hip prosthesis enoxaparin; surgery, 1185 heparin; surgery, 1185

History anticoagulants; research, 1992 certification; technicians, 2562 control, quality; ASHP, 1240 drugs; museum exhibits, 1236 hospital pharmacy: contract services, 41 nospital pharmacy; contract services, 41 Lyons, C.; hospital pharmacy, 1095 Manasse, H.; pharmacy practice, 1477 Oddis, J.; ASHP, 1804; pharmacy, 1815 pharmacy; professional practice, 1827; twentieth century, 1805; twenty-first century, 1865 pharmacy, institutional; Boston Dispensary, 1097; future, 2503

thrombolytic agents; research, 1992 United States Public Health Service; pharmaceutical services, 766

HIV, see Human immunodeficiency virus HIV-IG, see Human immunodeficiency virus imune globulin

HMOs, see Health maintenance organizations Home Care Exchange, 2230 Home health care, see Health care; home Home tests

dextrose; blood levels, 1058; self-monitoring, 1062 HIV infections; reliability, 2232 Haemones

sermorelin acetate; FDA approvals, 2547 somatropin; AIDS wasting syndrome, 2618 **Hospital pharmacy**, see **Pharmacy**, institutional, hospital

administration; drug administration routes, 200; pharmacy consolidation, 1076; university affili-ated, 1711

admissions; drug toxicity, 295 clinical studies; costs, 1742 contract services; HMOs, 670 costs; control, 1196; patient-focused care, 1262 emergency rooms; pharmaceutical services, 1702 intensive care units; algorithms, 1841; drug incom

patibilities, 64; pharmacists' interventions, 2811 length of stay; arterial occlusive diseases, 1963; enoxaparin vs. heparin, 1185; integrated health care, 238; pharmacists' interventions, 392, 1591; propofol, 1953

operating rooms; controlled-substances documentation, 1392 ownership; HMOs, 2044; quality assurance, 2238

patient care; outcomes standards, 743 pharmaceutical services; immunization programs, 490; outsourcing, 37, 41 physicians; allergy documentation, 1627

policies and procedures; latex allergies, 1071; nee-dle sticks, 258

protocols; roentgenographic agents, 1395 quality assurance; pharmacists' interventions, 1722 reimbursement; laws, 2433 team; patient-focused care, 2174

Times

part time; ICU pharmacists, 2811 pharmacists; economics, 558

pharmacists, hospital; patient-focused care, 1262 24-hour service; hospital pharmacy, 1110 **Buman immunodeficiency virus**; tests, labora-tory; ribonucleic acid levels, 1646

Human immunodeficiency virus immune globulin; HIV infections; pregnancy, 1018 Human immunodeficiency virus infections

aldesleukin; palliative care, 1191 antivirals; protocols, 1681, 2652 drugs; AIDS buyers' clubs, 2122 globulin immune; pregnancy, 1018 human immunodeficiency virus immune globulin;

pregnancy, 1018 patient care; continuity, 1407 protease inhibitors; hyperglycemia toxicity, 1575 sulfamethoxazole, combination, trimethoprim; al-

lergies, 1545 tests, laboratory; ribonucleic acid levels, 1646; non-

blood-based, 2232 blood-based, 2232 zidovudine; pregnancy, 1018 Hungary; drugs, nonprescription; prescription to nonprescription, 1207 Hunter, J.; awards; tobacco regulations, 2050

Hydrates; drugs; compounding errors, 1449 Hydrogen ion concentration; thiotepa; incom-

patibilities, 2588 Hyperalimentation, see Nutrition; parenteral

Hypercholesterolemia; cerivastatin sodium; FDA approvals, 1793

Hyperglycemia; protease inhibitors; toxicity, 1575 Hyperphosphatemia; sodium phosphate dibasic; rs. 2488 Hypertension

ambulatory care; pharmacists' role, 564 clinical pharmacists; primary care, 2079 mibefradii dihydrochloride; FDA approvals, 2033 Hypertriglyceridemla; propofol; fat emulsions,

Hypoalbuminemia; aminoglycosides; pharmacokinetics, 2201

Hypoprothrombinemias cisapride; interactions, 320 warfarin sodium; interactions, 320 Hypotensive agents

amlodipine; absorption, 2609 captopril; incompatibilities, 2483 costs; pharmacists' interventions, 2079 hypertension; information, 564 losartan potassium; adverse reactions, 1333 minoxidil; absorption, 2609

ı

Introgenic diseases, see Drugs, adverse reactions Imipenem; combination, cilastatin sodium; incom-patibilities, 185

Immunization

diseases; adolescents, 494; adults, 379; pharmaceutical services, 490 guidelines; APhA, 2553 pneumococcal infections; ASHP position state-ment, 575; pharmacists' role, 527

Immunosuppressive agents cyclosporine; incompatibilities, 181 incompatibilities; Y-site injections, 181 mycophenolate mofetil; review, 285 tacrolimus: suspensions, 178

Immunotherapy aldesleukin; toxicity, 1191 interferon alfa-2b; hepatitis C, 1140

Imports

drugs; AIDS buyers' clubs, 2122 Food and Drug Administration; multivitamins,

Incompatibilities

acetylcysteine sodium; ophthalmic solutions, 549 alcohols, polyvinyl and acetylcysteine sodium; ophthalmic solutions, 549 amphotericin B; i.v. additives, 56

amphotericin B and remifentanil hydrochloride; Y-site simulation, 2192

amphotericin B and soybean oil, 683 amsacrine; i.v. additives, 56

antiemetics; bone marrow transplantation, 181 anti-infective agents; bone marrow transplanta-

tion, 181 anti-infective agents and filgrastim; i.v. additives, 185

antineop plastic agents; bone marrow transplantation, 181

bumetanide, dextrose and polyvinyl chloride, 422 bupivacaine hydrochloride and morphine sulfate; stability, 61

caffeine citrated and polypropylene; injections,

captopril and vehicles; stability, 2483 cefoperazone sodium and remifentanil hydrochlo-

ride; Y-site simulation, 2192 ceftriaxone sodium and metronidazole hydrochloride 424 chlorpromazine hydrochloride and remifentanil

hydrochloride; Y-site simulation, 2192 cidofovir and containers; stability, 2204 ciprofloxacin lactate and sodium bicarbonate: Y-

site injections, 1193 cisatracurium besylate; i.v. additives, 1735 containers and meropenem; stability, 412 containers and pentoxifylline; suspensions, 1301 cyclosporine; bone marrow transplantation, 181

dacarbazine and containers; temperature, 915 dexamethasone sodium phosphate and ondanse-

dexametrasone soonum prospare and oncanse-tron hydrochloride; injections, 1065 dextrose and nitroglycerin or sympathomimetic agents; stability, 1417 dextrose, bumetanide and polyvinyl chloride, 422 diluents and midazolam hydrochloride; stability,

diluents and propafenone hydrochloride; injecdocetaxel and polyvinyl chloride; plasticizer leach-

ing, 566

doxorubicin hydrochloride; liposomes, 2708 doxorubicin hydrochloride and containers; temperature, 915 etate disodium and acetylcysteine sodium; oph-

thalmic solutions, 549 excipients and acetylcysteine sodium; ophthalmic solutions, 549

filgrastim and anti-infective agents; i.v. additives,

fluorouracil and plastics; precipitation, 1845 furosemide; i.v. additives, 64

granisetron hydrochloride; i.v. additives, 56; liquid compounding, 1404

immunosuppressive agents: bone marrow transplantation, 181 insulin human and ranitidine hydrochloride; i.v.,

Y-site injections, 1304 iron dextran and TrophAmine; parenteral nutri-

tion, 570

ketamine hydrochloride and meperidine hydrochloride, 205 meperidine hydrochloride and ketamine hydro-

chloride, 205 meropenem and containers; stability, 412

metronidazole hydrochloride and ceftriaxone sodimidazolam hydrochloride and diluents or polypro-

pylene; stability, 913 morphine sulfate and bupivacaine hydrochloride;

stability, 61 nitroglycerin and dextrose; stability, 1417

omeprazole; stability, 1833 ondansetron hydrochloride and containers; tem-

perature, 915 ondansetron hydrochloride and dexamethasone sodium phosphate; injections, 1065 opiates; bone marrow transplantation, 181

paclitaxel and polyvinyl chloride; plasticizer leaching, 566

parenteral nutrition; bone marrow transplantation, 181; Y-site injections, 1295 penicillins and polyvinyl chloride; injections, 1068 pentoxifylline and containers; suspensions, 1301

phenoxybenzamine hydrochloride and vehicles; oral liquids, 2073

plastics and fluorouracil; precipitation, 1845 plastics and propafenone hydrochloride; injections, 1293

polyisoprene and antineoplastic agents; tempera-ture, 915 polypropylene and caffeine citrated; injections,

polypropylene and midazolam hydrochloride; sta-

bility 913 polyvinyl chloride and antineoplastic agents; temperature, 915

polyvinyl chloride and cidofovir; stability, 2204 polyvinyl chloride and docetaxel or paclitaxel; plasticizer leaching, 566

polyvinyl chloride and penicillins; injections. 1068 polyvinyl chloride and tobramycin sulfate; injections, 1068

polyvinyl chloride, bumetanide and dextrose, 422 propafenone hydrochloride and diluents or plastics; injections, 1293

propofol: Y-site injections, 1287 pyrimethamine; suspensions, 2714

ranitidine hydrochloride and insulin human; i.v., Y-site injections, 1304

remifentanil hydrochloride; stability, 2192 sodium bicarbonate and ciprofloxacin lactate; Ysite injections, 1193

sodium chloride and thiotepa; i.v. additives, 2588 soybean oil and amphotericin B, 683 sumatriptan succinate; suspension compounding, 1619

sympathomimetic agents and dextrose; stability,

tacrolimus; stability, 178 thiopental sodium; i.v. additives, 64 thiotepa and sodium chloride; i.v. additives, 2588 tobramycin sulfate and polyvinyl chloride; injections, 1068

TrophAmine and iron dextran; parenteral nutrition, 570

ursodiol; suspension compounding, 1401 vehicles and captopril; stability, 2483 vehicles and phenoxybenzamine hydrochloride; oral liquids, 2073 vincristine sulfate and containers; temperature, 915

variarin suniace and comaniers, temperature, 915 warfarin sodium; I.v. additives, 2599 Indiam Health Service; United States Public Health Service; pharmaceutical services, 766 Industry; tobacco; investigations, 2050

Industry, pharmaceutical

advertising; prescription drugs, 2596 clinical studies; reimbursement, 1742 contraceptives, oral; postcoital indications, 874 contracts; managed care systems, 1041 control, quality; USP reports, 1240 dietary supplements; labeling, 2561 disease management; managed care systems, 2217 drug information; writing, 1572 drugs; cost projections, 153 patient information; survey, 1381 personnel; AJHP policies, 30 regulations; dietary supplements, 1707

Infections

arterial occlusive diseases; surgery vs. urokinase,

computers; programs, 1897 Information

American Society of Health-System Pharmacists; WWW, 1273

computers; patient-focused care, 1501; pharma-cists' attitudes, 584 databases; managed care systems, 1973 health care; Internet, 757; technology, 269, 274 labeling; dietary supplements, 2561 pharmacy; Internet, 34

Infusion devices, see Devices; infusion pumps Inhalen see also Aerosols

metered dose; chlorofluorocarbons, 1021 nicotine; smoking cessation, 1478 Injections

amphotericin B; incompatibilities, 683; liposomes antineoplastic agents; incompatibilities, 915 bumetanide; stability, 422 bupivacaine hydrochloride: incompatibilities, 61

caffeine citrated; incompatibilities, 1106 ceftriaxone sodium; incompatibilities, 424 cidofovir; incompatibilities, 2204 ciprofloxacin lactate; incompatibilities, 1193 cisatracurium besylate; incompatibilities, 1735 compounding; latex allergies, 2516, 2517 dexamethasone sodium phosphate; incompatibilities, 1065

dextrose; incompatibilities, 1417 docetaxel; compounding, Dec 15 suppl S7; incompatibilities, 566 doxorubicin hydrochloride; incompatibilities,

2708 epoprostenol; congestive heart, 2613 filgrastim; incompatibilities, 185 fluorouracil; incompatibilities, 1845 gentamicin; piperacillin-tazobactam interactions,

granisetron hydrochloride; comparisons, 1172; incompatibilities, 56

incompatibilities: V-site injections, 181 insulin human; incompatibilities, 1304 intra-arterial: urokinase 1988

intravenous; adverse drug reactions, 1176; compounding, 904; conversion to oral, 524; error checking, 1611; fentanyl, 87; incompatibilities, 64, 1295; needle-stick policies, 258; portable in-fusion pumps, 1277; technician compounding, 1702; time studies, 1614; urokinase, 1988; vaso pressin, 2230; warfarin incompatibilities, 2599 iron dextran; incompatibilities, 570 ketamine hydrochloride; incompatibilities, 205

meperidine hydrochloride; incompatibilities, 205 meropenem; incompatibilities, 412 metronidazole hydrochloride; incompatibilities,

midazolam hydrochloride; incompatibilities, 913 morphine sulfate; incompatibilities, 6 nitroglycerin; incompatibilities, 1417 ondansetron hydrochloride; comparisons, 1172;

incompatibilities, 1065 paclitaxel; incompatibilities, 566; labeling, 2128 parenteral nutrition; automated compounding,

penicillins: incompatibilities, 1068 propafenone hydrochloride; incompatibilities,

ropofol; fat emulsions, 2515; incompatibilities, 1287; parenteral nutrition, 694 ranitidine hydrochloride; incompatibilities, 1304

remifentanil hydrochloride; incompatibilities, 2192 sodium bicarbonate: incompatibilities, 1193 storage; preservatives, 2006

sympathomimetic agents; incompatibilities, 1417 thiotepa; incompatibilities, 2588 tobramycin sulfate; incompatibilities, 1068

toxicity; pain, 388 TrophAmine; incompatibilities, 570 United States Pharmacopeia; standards, 1633 vitamins; shortage, 1789

Invalin protocols; hospital pharmacy, 1046 toxicity; emergency room visits, 295 Insulin human; incompatibilities; ranitidine, 1304

Insulins insulin; emergency room visits, 295; protocols,

1046 insulin human; incompatibilities, 1304 Integrated health care

istration; cost control, 1196; pharmacy benefits, 2207 costs; purchasing, 153 managed care systems; laws, 1752; U.S., 238

membership; U.S., 19 pharmaceutical services; outsourcing, 41 pharmacists, institutional; opportunities, 1049 statistics; survey, 2786

technology; information systems, 269
Integrated health systems; patient education;

ASHP guidelines, 431 Interferon alfa-Za

carcinoma; renal cell, 190 dosage schedules; hepatitis C, 1140

Interferon alfacon-1; approvals; FDA, 2656 Interferons; protocols; hepatitis C, 1140 International normalized ratio; ginseng; warfarin interactions, 692 International Olympic Committee; regulations;

drug abuse, 1053 International Pharmaceutical Federation;

history; C. Lyons, 1095 meetings, 2800

data collection; surveys, 1334 drug information; errors, 1732 Drug Information Network, 1930 information; health care, pharmacy; information, 34

Interventions clinical pharmacists; antihypertensive programs, 2079; documentation, 1623; ICU, 2811 pharmacists; ACE inhibitors, 264; asthma DUR,

2197; tuberculosis, 375 2197; tuberculosis, 375 pharmacists, hospital; ambulatory care, 2719; costs, 392; documentation, 1596; dosage checking, 545; drug-food interactions, 405; hypertension clinics, 564; 1v. to oral conversion, 524; out-comes, 1591; peer review, 1722; physicians' ac-ceptance, 397

ceptance, 397 pharmacists, institutional; documentation, 2503; hospital rounds, 670; psychopharmacy clinic, 2717

students: clinical documentation, 1727

Inventory

controlled substances; computers, 630; surgery, 1392

hospital pharmacy; methodology, 171; wholesalers, 45 pharmacy, institutional: mail order, 520

Investigational drugs, see Drugs, investiga-

Ipratropium bromide; status asthmaticus; oxaprozin reactions, 199 Iron; precipitation; parenteral nutrition, 570

Iron dextran; incompatibilities; parenteral nutri-

Iron preparations; iron dextran; incompatibilities,

Isosorbide dinitrate; sustained-action; excretion, 2403 IVIG. see Globulin immune

Job description; pharmacists; advertising, 1260; hours, 558

Job perform

sonnel, pharmacy; professional competence, 1412 pharmacists; work styles, 2680

Job satisfaction

clinical pharmacists; primary care, 1280 residents; ASHP-accredited programs, 1521 technicians; certification, 2562

Joint Commission of Pharmacy Practitioners;

professional competence; working groups, 2433

Joint Commission on Accreditation of Healthcare Organizations accreditation; managed care systems, 1528 regulations; controlled-substances documentation,

standards; patient care outcomes, 743; personnel

ice, 1412 Journal References, 219, 462, 718, 998, 1217, 1461, 1667, 1908, 2136, 2414, 2638, 2830 Journals; American Journal of Health-System Pharma-

cy; authorship policies, 30

K

Kaiser Permanente; pharmaceutical services; comnuterized databases, 1510 Keratolytic agents; tazarotene; FDA approvals,

Ketamine hydrochloride; incompatibilities; me-

peridine, 205 Kidney diseases; amifostine; prophylaxis, 787

Kidney failure

cidofovir; toxicity, 12 dosage; computer checking, 545 drugs; dosage, 2505

roentgenographic agents; toxicity, 587

Knee prosthesis; ardeparin sodium; FDA approvals, 1575

E

Labeling

anorexics; toxicity warnings, 1785 cidofovir; toxicity, 12 contraceptives, oral; postcoital indications, 874 delavirdine mesylate; FDA approvals, 1233 dietary supplements; FDA regulations, 2561 drugs; food interactions, 405; molecular weight,

drugs, nonprescription; patient information, 2664 enteral nutrition; nitrogen, proteins, 2239 ephedrine; FDA regulations, 1578 injections; storage, 2006

nelfinavir mesylate; FDA approvals, 1233 paclitaxel; revisions, 2128 ritonavir; FDA approvals, 1233; toxicity, 126 Languages; computers; Arden Syntax, 281

Latex; allergies; guidelines, 1688; hospital policies, 2516; overview, 1071; pharmacy standards, 2517 Law Notes, 1630

Balanced Budget Act of 1997; Medicare reimbursement, 2433

cases: Henderson v. Bodine Aluminum, 572 cannabis; prescribing, 126 clinical studies: administration, 1742 dietary supplements; quality control, 1707 hospital pharmacy; service outsourcing, 45 managed care systems; integrated health care, 1752 pharmacists, hospital; France, 1110

suits; drug deaths, 2434

Leaching; diethylhexyl phthalate; docetaxel injections, Dec 15 suppl S7; polyvinyl chloride contain-

Legislation

drugs; cost projections, 153 managed care systems; health care, 1049
Leishmaniasis; amphotericin B; visceral, 2426

Leprosy; thalidomide; lepromatous, 2270 Letters, 92, 199, 319, 441, 586, 699, 830, 986, 1106, 1207, 1333, 1447, 1551, 1652, 1762, 1893, 2006, 2127, 2238, 2403, 2515, 2621, 2744, 2822 Additional contraindication to use of angiotensin-

converting-enzyme inhibitors, 1552 Advice on treatment of drug-resistant tuberculosis,

Advice on treatment of Mycobacterium avium complex infection, 1208

A case in point, 2404

Change from zolpidem to clorazepate won't solve the patient's problem, 588

Comparing cefmetazole compatibility data from different sources, 831 Compatibility of ketamine hydrochloride and mep-

eridine hydrochloride, 205 Computer program for tracking incidence of intravascular-device-related infections in patients re-ceiving parenteral nutrition, 1897

E-mail for conducting surveys, 1334 Estimating aminoglycoside dosage requirements in

patients with low serum creatinine concentrations, 986

Facilitating emergency use of alteplase for stroke, Fact versus opinion in the judgment on fospheny-toin articles, 1652

Haunting medicines, 2403 Hypoprothrombinenia induced by warfarin sodi-

m and cisapride, 320

tion database, 1763 Important issues to consider in pursuing prescribing authority for pharmacists, 987 Important points to note when preparing nutri-tional admixtures for latex-sensitive patients,

Implementation of a computerized drug informa-

2128 Inconsistencies in labeling of enteral nutrition

products, 2239 Medicare reimbursement for oral antiemetics in

management of chemotherapy-induced emesis, 830

Medication errors and drug hydrates, 1449 Memory disorders consultation service, 92 Metformin, contrast media, and theophylline, 2007 Miracle is not the same as luck, 1208

More on mechanisms of bacterial resistance, 2744 Multidisciplinary handbook on pediatric nutrition-

al support, 1335 Myocardial infarction after intranasal metham-

phetamine, 586 New address for publisher, 1110 New address for publisher, 1110 Nonprescription drugs in Hungary, 1207 Office-practiced pharmacy, 2824 Once-daily aminoglycoside therapy, 2824

Order form for restricting vancomycin prescribing, 1893

Our professional responsibility after hospitals change ownership, 2238 Pharmacist as newspaper columnist, 1762

Pharmacist's role in rescue efforts after plane crash in Indian Ocean, 1110

Pharmacists should be recognized as prov nonprescription drug information, 2127

Position statement from infectious diseases society, Possible losartan-induced rash, 1333

Precipitation of amphotericin B from i.v. fat emulsion 1449 Probable interaction of warfarin and acarbose, 1551

Procedures for preparing injectable medications for latex-sensitive patients, 2516 Propofol infusion and nutritional support, 2515 Reactions to fosphenytoin editorial and review article, 441

Reports of labeling problems do get action, 2128

Severe asthmatic reaction to contraindicated anti-inflammatory drug, 199 Smoothing the path for i.v.-to-oral conversion, 200 Stability of caffeine citrate injection in polypropylene syringes at room temperature, 1106 Standardized antiemetic regimens, 2404

Theophylline option for attenuating contrast me-dia-induced nephrotoxicity in patients on metformin, 587

Two cases of possible cefepime-induced neutropenia, 2621

Useful Internet sites, 1450 User-friendly weight-based heparin protocol for initial infusion, 699

Where is the evidence for formulary effectiveness?

Levofloxacin; bacterial infections; review, 2569 Levothyroxine sodium; marketing; FDA regula-tions, 2151

Liability; pharmacists, hospital; overview, 1152 Licensure; pharmacists; NABP resolutions, 1932 Lidocaine combination, prilocaine; comparisons, 388

heart arrest; therapy, 85

Liposomes

amphotericin B; FDA approvals, 2426 doxorubicin hydrochloride; incompatibilities, 2708

captopril; incompatibilities, 2483 granisetron hydrochloride; compounding, 1404 omeprazole; compounding, 1833 pher oxybenzamine hydrochloride; compounding, 2073

Literature

drugs; molecular weight, 1449 ularies; overview, 95

Liver diseases

docetaxel; dosage, Dec 15 suppl S16 ritonavir: contraindications, 126 Long-term-care facilities

patient care: outcomes standards, 743 patient education; ASHP guidelines, 431;

Losartan potassium; adverse reactions; dermatitis,

LSD, see Lysergide Lung neoplasms; docetaxel; overview, Dec 15 sup-pl \$19 Lyme disease vaccines; adults; research, 379 Lyons, C.; pharmacists, hospital; history, 1095 Lyophilization; thiotepa; incompatibilities, 2588 Lysergide; abuse; adolescents, 365

M

Magnesium; dosage; dietary reference intakes, 2438 Magnetic resonance imaging; thrombophlebitis;

Malaria vaccines; adults; research, 379
Malpractice; pharmacists, hospital; liability, 1152 Managed care, see Health maintenance organ-

Managed Care Forum, 32, 520, 1041, 1497, 1941, 2449

Computer-assisted help desk for handling drug benefits, 1941
Ethical issues for pharmacists in managed care,

1041 Improving drug use in a capitated program for the

poor, 2449 Involving network pharmacies in disease management programs, 32

The pharmacist as a health education coordinator.

Planning the basics of a mail-service pharmacy, 520

Managed care systems administration: backlash, 1049

ambulatory care; databases, 1973; psychopharmacy clinic, 2717

disease management; administration, 2217 education, pharmaceutical; residencies, 2055 formularies; cost-benefit analysis, 95; ethics, 1041 integrated health care; U.S., 238

laws; administration, 1752 patient education; ASHP guidelines, 431; pharma-

cists, 1497 pharmaceutical services; clinical information sys-

tems, 1501, 1505, 1515; computerized databases, 1510; economics, 2207; immunization programs, 490; outsourcing, 41 pharmacists, institutional; Internet, 34; role, 2503

quality assurance; accreditation, 1528; National Committee for Quality Assurance, 2551 residencies; ASHP standards, 2099 United States Air Force; pharmaceutical services,

783 United States Army; pharmaceutical services, 773

United States Navy; pharmaceutical services, 778
Management, see Administration

Management Case Studies, 1076, 1196, 2736,

Management Consultation, 142, 630, 886, 1152, 1392, 1584, 1794, 2302, 2562 Benefits of a board-certified technician, 2562 Changing department culture through a code of

conduct, 142 Computerized system for controlled-substances distribution, 630

Inhouse clinical training program for staff pharmacists, 1794

volving anesthesiology in drug control, 1392 Liability for expanded responsibilities, 1152 Planning for an ambulatory care service, 1584 The power and perils of e-mail, 886

Tracking and reporting drug expenditures, 2302

Manasse, H.; American Society of Health-System Pharmacists; administrators, 1477; professional issues, 1877

hospital pharmacy: service outsourcing, 45 layoffs; hospital pharmacy, 43; institutional pharmacists, 2503; pharmacists, 773, 778, 783 pharmacists; survey, 558

Manufacturers dietary supplements; quality control, 1707 nutrition; pediatrics, 687

Manufacturing control, quality; USAP reports, 1240 ephedrine; dietary supplements, 1578 vitamins; shortage, 1789

Marijuana, see Cannabis

Marketing amphotericin B; FDA approvals, 2426 ardeparin sodium; FDA approvals, 1575 azelastine hydrochloride; FDA approvals, 234 bromfenac sodium; FDA approvals, 2151 bugropion hydrochloride; FDA approvals, 1478 cerivastatin sodium; FDA approvals, 1793 delavirdine mesylate; FDA approvals, 1233 ephedrine; FDA regulations, 1578

interferon alfacon-1; FDA approvals, 2656 levothyroxine sodium; FDA regulations, 2151 mibefradil dihydrochloride; FDA approvals, 2033 nelfinavir mesylate; FDA approvals, 1233 nicotine; FDA approvals, 1478 nutrition; pediatrics, 687 pharmaceutical services; disease management, 32 pramipexole dihydrochloride; FDA approvals, 1922 quetiapine fumarate; FDA approvals, 2547 research; membership satisfaction, 1037 reteplase; FDA approvals, 12 ropinirole hydrochloride; FDA approvals, 2655 sermorelin acetate; FDA approvals, 2547 tazarotene; FDA approvals, 2037 thalidomide; FDA regulations, 2270 tiagabine hydrochloride; FDA approvals, 2544 tiludronate disodium; FDA approvals, 1145 troglitazone; FDA approvals, 623

Mathematics; models; pharmacy management,

Mean: pharmacists; hours, 558 Mechanism of action acarbose; interactions, 1551 amifostine; review, 787

angiotensin-converting-enzyme inhibitors; review,

anti-infective agents; resistance, 1420 aspirin; myocardial infarction prophylaxis, 1984 cisapride; interactions, 320 docetaxel; overview, Dec 15 suppl \$2 drugs: museum exhibits, 1236 gastrointestinal drugs; GI absorption, 2609 latex: allergies, 1071 levofloxacin; review, 2569

mycophenolate mofetil; review, 285 sulfamethoxazole, combination, trimethoprim; adverse reactions, 1545

thrombolytic agents; molecular pharmacology, Nov 15 suppl S17 trovafloxacin mesylate; review, 2569 warfarin sodium: interactions, 320, 1551

MedGuide; drug information; FDA, 352 Medication errors, see Errors, medication Medication orders alteplase; forms, 1447

emergency rooms; technician entry, 1702 pharmacists, hospital; patient-focused care, 1262 MedWatch; drugs, adverse reactions; therapeutic in-terchange, 1149

American Pharmaceutical Association; 1997 annual, 1025; Remington Honor Medal, 1012 International Pharmaceutical Federation, 2800

National Association of Boards of Pharmacy; 1997 resolutions, 1932 Membership
American Society of Health-System Pharmacists;

professional issues, 1877; satisfaction, 1037 health maintenance organizations; U.S., 19 integrated health care; U.S., 19
Membranes; patches transdermal; dosage, 1759

Memory disorders; education, pharmaceutical; curriculum, 92 Men; pharmacists; residency satisfaction, 1521

Mental retardation facilities; administration; anticonvulsant prescribing, 1716 Meperidine hydrochloride; incompatibilities;

Merck-Medco Rx Services; clinical pharmacy; services, 613 Mergers

Columbia/HCA Healthcare; Value Health, 513 Value Health; Columbia/HCA Healthcare, \$13 Meropenem; incompatibilities; i.v. injections, 412 Metabolism

angiotensin-converting-enzyme inhibitors: review. 2689 dexfenfluramine hydrochloride; review, 2059

Metformin; interactions; roentgenographic agents, Metformin hydrochloride; review, 893

Methamphetamine: toxicity: myocardial infarc-Methicillin; resistance; S. aureus, 2185

Methodology aminoglycosides; pharmacokinetic calculations,

anticoagulants; pharmacoeconomic models, 1185 clinical studies; ambulatory care databases, 1973 data collection; Internet, 1334 decision-making; models, Nov 15 suppl \$5 dosage; calculations, 2505

drug distribution systems; failure mode and effects analysis, 171

errors, medication; prediction models, 1161 interventions; documentation validity, 1596; physicians' acceptance, 397

models; decision-making, 2491 outcomes; pharmaceutical care, 1434 pharmaceutical services; patient satisfaction, 2721 Methylcellulose; incompatibilities; captopril, 2483;

methamine, 2714 Methylphenidate; depression; geriatrics, 2510 Methylphenidate; depression; geriatrics, 2510 Metoclopramide; concomitant therapy, 320 Metoproloi; akathisia; antipsychotic toxicity, 2461 Metoproloi succinate; concomitant therapy, 1333 Metronidazole hydrochloride; incompatibilities;

Mibefradil dihydrochloride; approvals; FDA, Midazolam hydrochloride; incompatibilities; i.v.

dditives and syringes, 913 Military; pharmaceutical services; United States Air Force, 783; United States Army, 773; United States Navy, 778

dosage; dietary reference intakes, 2438 labeling; FDA regulations, 2561 Minoxidil; absorption; prokinetic agents, 2609

Models communication; patient consultation, 2084 decision-making; clinical pharmacists, 1307; for-mularies, Nov 15 suppl S5; pharmacy manage-

ment, 2491 drug distribution systems; hospital pharm economics; ambulatory care databases, 1973; pharmaceutical care, 554

errors, medication; nomenclature similarities, 1161 famciclovir; cost-benefit analysis, 1180 pharmacists, hospital; interventions, 397

pharmacoeconomics; enoxaparin vs. heparin, 1185 Molecular weight; drugs; compounding errors, 1449

Morphine sulfate; incompatibilities; bupivacaine,

Mortality arterial occlusive diseases; surgery vs. urokinase, 1963

breast neoplasms; docetaxel vs. paclitaxel, Dec 15 suppl S11

diseases: pharmaceutical care, 554 myocardial infarction; thrombolytic agents, Nov 15 suppl \$23, \$27

Mucolytic agents; acetylcysteine sodium; incom-

Mupirocin calcium; staphylococcal infections; rew. 2185 Mycobacterium tuberculosis; resistance; antitu-

berculars, 428 Mycophenolate mofetil; review, 285 Mycoses; amphotericin B; FDA approvals, 2426

Myocardial infarction aspirin; prophylaxis, 1949, 1984 disease management; protocols, Nov 15 suppl S9 methamphetamine; abuse, 586

reteplase; FDA approvals, 12 thrombolytic agents; comparisons, Nov 15 suppl \$27; outcome markers, Nov 15 suppl \$23; phar-macists' role, Nov 15 suppl \$3

Nadroparin calcium; thrombophlebitis; overview,

Nafcillin; adverse reactions; comparisons, 1176
Nafcillin sodium; incompatibilities; polyvinyl chloride, 1068

n-PA; mechanism of action; thrombolytics, Nov 15 suppl S17
asal preparations; mupirocin calcium; review,

National Academy of Sciences; nutrition; protocols. 2438 National Association of Boards of Phar

examinations; pharmacists' competence, 2433 generic drugs; narrow therapeutic index, 1630 meetings: 1997, 1932

National Committee for Quality Assurance accreditation; managed care systems, 1528 managed care systems; data collection, 2551

National Council on Patient Information and Education; television; medication errors, 1486 National Heart, Lung, and Blood Institute; protocols, asthma therapy, 862 National Institute for Occupational Safety and Health; guidelines; latex allergies, 1688

National Institutes of Health

antiemetics; Medicare policies, 830

hospital pharmacy; gene-therapy handling, 1604 protocols; antivirals, 1681; hepatitis C, 1140 United States Public Health Service; phar services, 766

Nausca

granisetron; comparisons, 2478 ondansetron; comparisons, 2478 propofol; toxicity, 1953 rapy; pharmacists' protocols, 680 Needles; contamination; hospital policies, 258 Negligence; pharmacists, hospital; liability, 1152 Nelfinavir mesylate; approvals; FDA, 1233 Neoplasm vaccines; adults; research, 379

Neoplasms oglycosides; pharmacokinetic calculations, 541

fentanyl; transdermal patches, 87 gemcitabine; review, 162.

Neuralgia; famciclovir; herpes zoster, 1180 Neurological manifestations; vincristine sulfate; toxicity, 1755

Neuropathies; amifostine; prophylaxis, 787 Neutropenia

amphotericin B; mycoses, 2426

cefepime hydrochloride; toxicity, 2621

New Periodicals, 107, 476, 601, 729, 1002, 2639 News, 12, 116, 234, 342, 490, 613, 743, 862, 1012, 1140, 1233, 1376, 1477, 1572, 1681, 1785, 1922, 2033, 2151, 2269, 2426, 2544, 2652, 2786 Aggressive lipid-lowering therapy beneficial after

bypass grafting, say researchers, 626
Americans at risk from self-medication, survey reveals, 2664 Antidotes dangerously understocked in Colorado,

Montana, and Nevada, 16 Antipsychotic choices now include quetiapine,

APhA approves Guidelines for Pharmacy-Based Immunization Advocacy and Administration, 2553 APhA house of delegates considers issues from as-

sisted suicide to collaborative practice, 1025 Appointments and Promotions, 347, 625, 1145, 1388, 1578, 1792, 2050, 2290, 2800 Ardeparin cleared for marketing, 1575 As patients embrace herbal remedies, dearth of sci-

entific evidence frustrates clinicians, 2656 Behavior change by injection drug users cuts rate of HIV infection, study shows, 748 Book correction notice, 504, 629, 1481

BPS has new bylaws, first executive director, 141 BPS, others ponder high failure rate on pharmaco-

therapy exam, 1015 Broad plan essential for tuberculosis elimination. say researchers, 361
Bromfenac marketed for short-term pain relief,

2151 California, Arizona laws permit medical use of mar-

ijuana, 126 California coalition aims for 'SMART' medication

use by seniors, 2282 CDC advises institutions on responding to vancomycin-resistant staphylococci, 1925 CDC guidelines focus on prevention of nosocomial

pneumonia, 1022 CDC sets interim strategy for hepatitis A control,

CDC study documents growing problem of pneu-

mococcal resistance, 744 Cerivastatin approval expands HMG-CoA reductase

inhibitor choices, 1793 Changes in hospital ownership proliferate, with

uncertain effect on communities, 1150 Community pharmacists' interventions may reduce health care costs, 1388

Consensus panel advocates prolonged interferon treatment for chronic hepatitis C, 1140

Consumers receive written informatio prescriptions, report indicates, 1381 Digitalis Investigation Group study shows only modest effects for digoxin in heart failure, 869

Drug information centers pools resources, 1930
Drug information industry reacts to private-sector

plan for useful content, 1572 Drug-resistant tuberculosis remains public health

menace, 2437 Early efforts of ASHP helped shape USP problem

reporting system, 1240 Educating parents, providing measuring devices could eliminate pediatric dosage errors, researchers show, 2289

Elderly outpatients can discontinue most medica-tions and have no adverse events, study shows,

but caution is needed, 2787

Erstad to become critical care medicine fellow, 2668 Erythromycin resistance in Finland declines after reduction in macrolide use, 2436 Evidence-Based Practice Centers receive initial as-

signments, 2668

FDA cites new data in decision to bar genetic conjugated estrogens, 1376 FDA announces plan to halt marketing of terfena-

fine, 342 FDA announces tighter regulation of oral levothyroxine products, 2151

roxine products, 2131 FDA approvals include two new AIDS drugs, pediatric labeling for two protease inhibitors, 1233

FDA pharmacist recognized for role in tobacco initiative, 2050 FDA posts record number of drug approvals in

1996, 494 FDA program frames better medication use as wom-

en's health issue, 2288 FDA proposes constraints on ephedrine dietary sup-

plements, 1578

FDA proposes plan for phasing out CFC-containing

drug products, 1021 FDA proposes tiered approach to regulation of tis-

sue, cell therapies, 877
FDA seeks help in evaluating consequences of therapeutic interhange, 1149

apeutic intechange, 1149

FDA seeks new-drug applications for 'morning-after' contraception, 874

Failure to implement U.S. needle-exchange pro-

Failure to implement U.S. needle-exchange program has cost many lives and dollars, study says, 1149

Federal panel backs early, aggressive HIV therapy, 1681

Fenfluramine and dexfenfluramine withdrawn from market, 2269 Free vaccines, insurance status influence immuni-

zation by physicians, 2554 Gastroenterologists issue guidelines on ulcerative colitis management, 1390

colitis management, 1390 Gilead issues new warnings about cidofovir neph-

rotoxicity, 12 Gouveia named AJHP Field Editor; Sellers joins

headquarters staff, 2666 Growth hormone-releasing hormone product cleared for marketing, 2547

cleared for marketing, 2547

Heart groups issue comprehensive myocardial-infarction practice guidelines, 16

farction practice guidelines, 16 HMG-CoA reductase inhibitors reduce stroke risk, total mortality, 2152

HMO patients receive less costly end-of-life care, 2552

HMOs grow in number, enrollment, 19 HMO utilization found similar between enrollees with and without prior health insurance, 1390

with and without prior health insurance, 1390 Hospital data compared by HMO and system ownership, 2044

Hospital program boosts vaccination rates among preschoolers, 2154 Hospitals re-examining procedures for preventing

cancer chemotherapy errors, shows survey, 750
Implantable defibrillator prevails in study of device
versus drugs, 1236
Imported products ease i.v. multivitamin shortage,

1789
In nursing facilities, cost of drug-related problems

tops cost of drugs, 2664 In nursing homes, psychotropic drug use changed after OBRA '87, 2787

In Remington medal talks, Hepler and Strand give prognosis for pharmaceutical care, 1012

prognosis for pharmaceutical care, 1012 Intensive insulin therapy is good value, say researchers, 116

Intranasal antihistamine gains marketing approval, 234

Isolates of partially vancomycin-resistant *S. aureus* reported in United States, 2434
JCPP forms working group on continued compe-

tence, 2433 Joint Commission to require performance data, 743 Liposomal formulation of amphotericin B ap-

proved for marketing, 2426 Low infant infection rate halts study of perinatal HIV transmission, 1018 Lyons receives Donald E. Francke medal, 243

Lyons receives Donald E. Francke medal, 243

Mail-order pharmacies send out clinical services,
613

613 Many physicians use PDR for overdose management, study shows, 626

Medicare reforms affect hospitals, outpatient settings, 2433

Mibefradil release expands calcium-channel-blocker choices, 2033 Minority communities benefit from pharmacy student involvement, 354

More pharmacists administering vaccines, 490 Museum exhibit gives pharmacy students lessons

in history and in meeting the public, 1236 NABP resolves to strengthen pharmacists' role, en-

sure competence, 1932 National goals for child immunization being met, but shortfalls remain at state and local levels, 2280

NCQA data show wide variability in health plan performance, 2551 New bisphosphonate approved for Paget's disease,

New disperse days targets insulin resistance 622

New diabetes drug targets insulin resistance, 623 New EVP Manasse outlines challenges to pharmacy, 1477

New guidelines address pediatric issues in antiretroviral therapy, 2652 New guidelines from rheumatologists association

New guidelines from rheumatologists association focus on glucocorticoid-induced osteoporosis, 744

New guidelines proposed for use of RSV immune globulin, 1025

New immunization schedule reflects shift in poliovirus vaccination policy, 347 New interferon approved for chronic hepatitis C,

2656
New pneumococcal-vaccine recommendations include strategies for increasing vaccine use, 1688
New rules will standardize labeling for dietary sup-

plements, 2561
New safety information emerges from postmarketing use of ritonavir. 126

News Briefs, 15, 141, 243, 361, 497, 629, 748, 877, 1026, 1240, 1386, 1488, 1583, 1686, 1789, 1932, 2156, 2282, 2440, 2552, 2655, 2802

New studies add to evidence on causes, impact of

adverse drug events, 498 NIOSH recommends steps for reducing work-relat-

ed exposure to latex, 1688 North Carolina board of pharmacy releases figures from mandatory reports of drug-related deaths,

from mandatory reports of drug-related deaths, 2434 Optimal needle lengths determined for deltoid im-

munization in adults, 1691 Over half of physician office visits for colds, URIs, and bronchitis lead to antimicrobial prescriptions, 2436

Pamipexole marketed for Parkinson's disease, 1922 Parents need help with children's doses of nonprescription drugs, study suggests, 2288 Patient education, early anti-inflammatory therapy

Patient education, early anti-inflammatory therapy are keys to better asthma care, say new federal guidelines, 862

Perioperative atenolol may lower risk of death after noncardiac surgery, say researchers, 237 Personal use of drug samples frequent at physician

office, 2155
Pharmacist intervention in depression is focus of \$3

Pharmacist intervention in depression is rocus or 3.3 million research grant, 2668
Pharm.D. degree, specialty certification boost earnings of PHS pharmacists, 1236

ings of PHS pharmacists, 1236
Physicians are concerned about generic drug bioequivalence, but often unaware of FDA stan-

Dioequivalence, but often unaware of FDA standards, 2799

Poison control centers may save money, not just lives. 370

Policies on product selection, drug donation, AIDS care and prevention approved by international pharmacy group, 2800

pharmacy group, 2800 Practice guidelines cover management of Alzheimer's disease, 1481

Private-sector plan for patient information approved, 352 Procedures announced for phaseout of baccalaure-

ate program accreditation, 2439

Program on medication misuse airs on PBS, 1486

Proposed regulations would mandate pediatric testing for many drugs, 2152

Protease inhibitors may raise blood glucose levels,

FDA warns, 1575
Report characterizes progress of health-system inte-

gration, 238
Report links appetite suppressants with heart dis-

Report reframes diabetes diagnosis, 1926 Report shows continued integration of health sys-

tems, with trend toward contracting, 2786
Report unveils new approach to nutrient recommendations, 2438

Residents and preceptors hold regional conferences, 2054

Reteplase set to enter thrombolytic market, 12

Ropinirole approved for Parkinson's disease, 2655 Routine vaccine review at 11–12 years recommended, 494

Study offers preliminary information on benefits of postmenopausal hormones in various risk groups, 1927

Study shows minorities receive inadequate relief, assessment of cancer-related pain, 2792 Study suggests antioxidants slow decline in Alzhei-

mer's disease, 1478 Study suggests link between antineoplastic drug handling and infertility in health care workers, 1931

Survey shows continued need to educate public about folic acid and birth defects, 2439

Thalidomide heals HIV-related oral ulcers, but caution is required, 1485

Thalidomide recommended for approval under tight restrictions, 2270 Tiagabine approved for partial seizures, 2544

Tagabine approved for partial seizures, 2544
Topical retinoid introduced for plaque psoriasis, acne vulgaris, 2037

Treatment recommendations for invasive pneumococcal infections updated; resistance is behind change, 747

Tuckson calls pharmacists to reach out to communities, 234

Two products join ranks of smoking cessation treatments, 1478

Upcoming Meetings, 16, 238, 513, 750, 1015, 1243, 1486, 1927, 2154, 2440, 2656 Upswing in prescribing errors detected during nineyear study, 2044

year study, 2044 Upward trend in teenage drug use continues, 365 With 20,000 technicians certified, PTCB begins re-

certification process, 1486
With Value Health acquisition, Columbia enters

benefit management arena, \$13
News medila; television; medication errors, 1486
Newspapers; drug information; pharmacists, 1762
Nicotine; approvals; FDA, 1478
Nicotine; approvals; FDA, 1478

Nifedipine; myocardial infarction; methamphetamine toxicity, 586

Nitrogen; enteral nutrition; formulations, 2239 Nitroglycerin

incompatibilities; dextrose, 1417 myocardial infarction; methamphetamine toxicity, 586

Nomenclature; similarities; computer models, 1161; ritonavir, 126

Norepinephrine bitartrate; incompatibilities; dextrose, 1417

North Carolina; regulations; drug deaths, 2434 Nurses ambulatory care; hypertension clinics, 564

education; i.v. to oral conversion, 524 patient-focused care; team, 2174 professional relations; pharmacists, 1262 protocols; insulin, 1046

reports; USP quality control, 1240 workload; i.v. administration systems, 1614; meth-

odology, 171

Nursing homes; data collection; system ownership, 2044

Nutrition

diet; dietary reference intakes, 2438; patient information, 564 dietary supplements; labeling, 2561

enteral; nitrogen, proteins, 2239; pediatrics, 1335 parenteral; automated compounding, 678; compounding, 904; device-related infections, 1897; incompatibilities, 181, 570, 1295; interactions, 2515; multivitamin shortage, 1789; pediatrics, 1335; personnel competence, 1412; propofol,

pediatrics: pharmacists' ethics, 687

0

Obesity

aminoglycosides; pharmacokinetics, 2201 anorexics; labeling, 1785 dexfenfluramine hydrochloride; review, 2059 Oddits, J.; history; ASHP, 1804; pharmacy, 1815 Olatments; mupirocin calcium; review, 2185 Oklahoma Society of Health-System Pharm cists; history; C. Lyons, 1095 Omeprazole; stability; compounding, 1833

Ondansetron nausea; comparisons, 2478 palliative care; costs, 1191 Ondansetron hydrochloride incompatibilities; containers, 915; dexamethasone,

toxicity; comparisons, 1172

Opiates

abuse: adolescents, 365 incompatibilities; Y-site injections, 181 meperidine hydrochloride; incompatibilities, 205

pain, pharmacist consultation, 2451 Orange syrup; sweetening agents; ursodiol suspensions, 1401

Organizations

American Association of Colleges of Pharmacy; pharmacists' competence, 2433

American Council on Pharmac accreditation standards, 2439 aceutical Education; American Pharmaceutical Association; immuniza-tion guidelines, 2553; meetings, 1012; policies,

1025

American Society of Health-System Pharmacists: merican society of rieatin-system rharmacists; accreditation standards, 2099; advertising policies, 2181; antitubercular protocols, 428; aspirin protocols, 1984; evidence-based practice centers, 2668; guidelines, 314; H. Manasse, 1477; J. Oddis, 1815; J. Oddis endowment, 1804; latex allergies, 2517; managed care residencies, 2055; membership satisfaction, 1037; mentoring programs, 1701; niacin protocols, 2815; pharmaceutical education, 2169; pharmacists' competence, 2433; pharmacotherapy examinations, 1015; protocols, 299; quality control reports, 1240; recruitment, 1260; residencies, 1521; *S. pneumoniae* resistance, 575; strategic planning, 1889; WWW,

health care; coalitions, 2282

International Pharmaceutical Federation; meetings, 2800 Joint Commission of Pharmacy Practitioners; phar-

macists' competence, 2433 medical; myocardial infarction, Nov 15 suppl \$3

National Association of Boards of Pharmac macists' competence, 2433; resolutions, 1932 National Council on Patient Information and Edu-cation; medication errors, 1486

National Heart, Lung, and Blood Institute; asthma protocols, 862

pharmacy; history, 1095; immunization programs, Pharmacy Technician Certification Board; techni-cian recertification, 1486

Osmolality; roentgenographic agents; cost-benefit analysis, 1395

Otitis media; antibiotics; cost-benefit analysis,

Outsomes

clinical; ACE inhibitors, 264; ambulatory care data bases, 1973; depression, 2668; divalproex vs. valproic acid, 1716; i.v. to oral conversion, 524; pharmacists' interventions, 1591; protocols,

economics; divalproex vs. valproic acid, 1716; i.v. to oral conversion, 524 patient care; JCAHO standards, 743; managed care

pharmacists, 1049

pharmaceutical care: research, 1434 quality assurance; DUE criteria, 2000, 2002; managed care accreditation, 1528; tramadol, 696

herapeutic; anti-infective use, 1837; clinical infor-mation systems, 1505, 1515; pharmaceutical care, 554; thrombolytic agents, Nov 15 suppl S23

Outpatients, see Patients; outpatients
Ovarian neoplasms; docetaxel; overview, Dec 15 suppl \$19

Oxacillin; adverse reactions; comparisons, 1176 Oxacillin sodium; incompatibilities; polyvinyl chloride, 1068

Oxaprozin; adverse reactions; status asthmaticus,

D

Packaging

anticonvulsants; costs, 1716 drugs; USP standards, 1633 injections; preservatives, 2006 prescriptions: mail order, 520

Paclitaxel

incompatibilities; polyvinyl chloride, 566 labeling; revisions, 2128 pharmacoeconomics: comparisons. Dec 15 suppl

Paget's disease; tiludronate disodium; FDA approv-

Pain

analgesics and antipyretics; pharmacists' role, 2451 bromfenac sodium; FDA approvals, 2151 disease management; NABP resolutions, 1932 fentanyl; transdermal patches, 87 fentanyl citrate; i.v. injections, 87 lidocaine, combination, prilocaine; comparisons,

tetracaine; comparisons, 388 tramadol; review, 643 tramadol hydrochloride: DUE, 696

Palliative care

aldesleukin: toxicity, 1191 pharmacists, ho tal; pharmaceutical care, 753

Parasympatholytic agents basal ganglia diseases; antipsychotic toxicity, 2461 ipratropium bromide: status asthmaticus, 199 Parasympathomimetic agents; donepezil hydro-

chloride: review, 2805 Parenterals, see Injections

Parkinson's disease

antipsychotic agents; toxicity, 2461 pramipexole dihydrochloride; FDA approvals, 1922 ropinirol hydrochloride; FDA approvals, 2655
Patches transderusal

dosage; reduced, 1759

fentanyl: abuse, 85: dosage, 87

Patient care

clinical pharmacists: role, 1280 computers; technology, 269 consultation; ASHP guidelines, 431 continuity; AIDS, 1407 costs; propofol, 1953

health mainten ance organizations; computerized databases, 1510 hospital pharmacy; contract services, 32

managed care systems; formularies, 1041; pharmacists' opportunities, 1049 pharmaceutical care; practice trends, 639

pharmaceutical services; clinical care plans, 314 pharmacists; job performance, 2680; United States Air Force, 783

pharmacists, hospital; United States Navy, 778 pharmacists, institutional; clinical information systems, 1505, 1515

standards; outcomes, 743 terminal care; home health care, 2230

Patient education antibiotics; pharmacists' role, 2457

attention deficit disorder with hyperactivity; phar-macists' role, 2685 computers; clinical information systems, 1505 diabetes mellitus; Medicare reimbursement, 2433 errors, medication; television, 1486

home health care; low-molecular-weight heparins, 1995

latex; allergies, 1071 pharmacists; depression, 2668 pharmacists, institutional; ASHP guidelines, 431 prescription drugs; advertising, 2181 self-care; asthma protocols, 862

Patient-focused care

anti-infective agents; DUE, 1837 computers; pharmacists' role, 263 pharmacists, hospital; pharmaceutical services, 1262

pharmacists, institutional; clinical information systems, 1501 team; hospitals, 2174

Patient information aspirin; myocardial infarction, 1949 computers; clinical information systems, 1501,

confidentiality; drug abuse, 1053 consultation; ASHP guidelines, 431; computers, 1515; drug-food interactions, 405; HMO pharmacists, 2449; hospital pharmacists, 564, 1702; mail order, 520; maintenance therapy, 2084; my-ocardial infarction, 1984; niacin, 2803; pharma-cists, 1262, 1497, 2434, 2451, 2664; pharmacists' cists, 1262, 1497, 2434, 2431, 2506; pitalmaists: protocols, 680; pharmacists' rounds, 670; phar-macy students, 1727; sustained-action medica-tions, 2403; tuberculosis, 375 dietary supplements; labeling, 2561 drug histories; allergy documentation, 1627; peni-cillin allergies, 2457

uidelines; writing, 1572 leaflets; anticonvulsant compliance, 2585 medical histories; mail order, 613 prescription drugs; advertising, 2181 prescriptions; survey, 1381 profile; computerized databa regulations; private sector, 352

Patients

attitudes; managed care, 1049 clinical studies; costs, 1742 guidelines; Internet information, 757 inpatients; tramadol, 696

monaged care systems; laws, 1752; National Com-.ttee for Quality Assurance, 2551 outpatients; antiemetics, 830; Medicare reimburse

ment, 2433; oncology clinics, 680; tramadol, 696 pharmaceutical services; satisfaction measurement, 2721

selection; antivirals, 1681; aspirin prophylaxis, 1984; i.v. to oral conversion, 524; thrombolytic agents, Nov 15 suppl S9

Pediatrics

antibiotics; otitis media, 2736 anti-infective agents; rational therapy, 295 antivirals; HIV infections, 2652

attention deficit disorder with hyperactivity; diag-

hospital pharmacy; latex policies, 2516 human immunodeficiency virus; laboratory tests, 1646

combination, prilocaine; phlebotomy pain, 388

pain, 300 nelfinavir mesylate; labeling, 1233 neonates; HIV infections, 1018; parenteral nutrition, 570

nutrition; pharmacists' ethics, 687; reference books, 1335

ritonavir; labeling, 1233 sermorelin acetate; FDA approvals, 2547 sodium phosphate dibasic; overdose, 2488 tetracaine; phlebotomy pain, 388

Peer review; pharmacists, hospital; clinical interventions, 1722

Penicillin

allergies; patient histories, 2457 amoxicillin; otitis media, 2736 incompatibilities; polyvinyl chloride, 1068 methicillin; resistance, 2185

resistance; S. pneumoniae, 527, 575
Penicillin G potassium; incompatibilities; polyvinyl chloride, 1068

Penicillin G sodium; incompatibilities; polyvinyl

chloride, 1068

Penicillins

nafcillin; adverse reactions, 1176 oxacillin; adverse reactions, 1176

penicillin; allergies, 2457; resistance, 575; S. pneu-moniae resistance, 527 piperacillin sodium, combination, tazobactam so-dium; interactions, 2704

Pentoxifylline; stability; suspensions, 1301

Personnel

hospitals; latex allergies, 1071; needle-stick policies,

industry, pharmaceutical; AJHP policies, 30

Personnel, pharmacy
administration; ambulatory care, 1584; code of
conduct, 142; e-mail, 886 errors; compounding, 904 guidelines; gene-therapy han dling, 1604

hospitals; administration, 1076 pharmacists; job performance, 2680

supportive; certification, 2562; emergency rooms, 1702; help desk, 1941; Lv. syringe checking, 1611; needle-stick policies, 258; professional competence, 1412; recertification, 1486; United States Air Force, 783; United States Army, 773; United States Navy, 778

Pertussis vaccines; adults; research, 379

naceutical care

ambulatory care; cost-benefit analysis, 554 history; twentieth century, 1805 home health care; AIDS, 1407 hospital pharmacy; impact, 48; practice trends, 639; survey, 653 interventions; antihypertensive programs, 2079

personnel, pharmacy; professional competence,

pharmaceutical services; quality assurance, 1434 pharmacists; aspirin prophylaxis, 1949; future, 1012; Healthy People 2000, 2169; human digni-ty, 2733; NABP meetings, 1932

pharmacists, hospital; outcomes, 1591; palliative care, 753;

pharmacists, institutional; future, 2503 pharmacy, community; disease management, 32 pharmacy, institutional; clinical care plans, 314 residencies; self-renewal programs, 2116

Pharmaceutical education, see Education,

pharmaceutical

Pharmaceutical services

ambulatory care; administration, 1584; psycho-pharmacy clinic, 2717

clinical; antihypertensive programs, 2079; mail or-der, 613; staff development, 1794 clinical pharmacists; primary care, 1280 cognitive; computer documentation, 1515

community; customer satisfaction, 531; disease management, 32

Department of Veterans Affairs: administration.

formularies: HMOs. 1941

health main ealth maintenance organizations; computerized databases, 1510; hospital rounds, 670; mail order,

home health care; enoxaparin, 1968; vasopressin infusion, 2230

hospitals; ambulatory care, 2719; clinical interventions, 1722; clinical studies, 1742; disasters, 1110; dosage checking, 545; DUE, 1837; emergency rooms, 1702; hypertension clinics, 564; ICU algorithms, 1841; insulin protocols, 1046; intervention documentation, 1727; interventions, 392; latex allergies, 1071; i.v. to oral conversion, 524; outsourcing, 37, 41, 43, 45, 48, 52; patient care team, 2174; patient-focused care, 1262; pediatric nutrition, 1335; practice trends, 639; quality assurance, 2238; regional consolidation, 1076; reimbursement, 2433; strategic planning, 1196; survey, 653

immunization; APhA guidelines, 2553; pharmacist education, 490

infections; monitoring, 1897 integrated health care; economics, 2207

intensive care units; pharmacists' interventions,

managed care systems; clinical information systems, 1501, 1505; patient education, 1497; phar-

macists' opportunities, 1049 neoplasms; pharmacists' protocols, 680 palliative care; hospital pharmacists, 753 patient education; ASHP guidelines, 431

prisons; training, 674 team; twenty-first century, 1865 United States Air Force; administration, 783

United States Army; administration, 773
United States Navy; administration, 778
United States Public Health Service; pharmacists, 766

Pharmacia & Upjohn; television; medication errors, 1486

Pharmacists alternative medicine: toxicity monitoring, 1707 careers; mentoring programs, 1701 compounding; medication errors, 1449 consultation; drug deaths, 2434; myocardial infarc-tion, 1984; pain management, 2451

demographics; pharmacotherapy examinations,

Department of Veterans Affairs; role, 761 drug information; medicinal plants, 2656 education, pharmaceutical; immunization pro-grams, 490

grains, #90 certics; physician-assisted suicide, 1025 home health care; vasopressin infusion, 2230 hours; economics, 558 Hunter, J.; tobacco regulations, 2050 interventions; ACE inhibitors, 264 job performance; work styles, 2680

managed care systems; formulary systems, 1041 patient education; television, 1486

patient information; nonprescription drugs, 2664; prescription drugs, 2181 pharmaceutical care; aspirin prophylaxis, 1949; economics, 554; future, 1012; Healthy People

2000, 2169; NABP meetings, 1932 pharmacoeconomics; databases, 2601 practice; technicians' role, 2562

professional competence; examinations, 2433 professionalism; resignation, 1946

rational therapy; myocardial infarction, Nov 15 suppl S3

AIDS prevention, 2800; antibiotic resistance, role; AIDS prevention, 2800; antibiotic resistance, 2457; asthma prescribing, 2197; depression, 2668; health care, 1477; hyperactivity education, 2688; immunization, 2553; Internet Information, 757; nlacin monitoring, 2803; nlacin therapy, 2815; Olympic Games, 1653; outcomes research, 1434; patient consultation, 2084; professional practice, 1827; S. pneumoniae resistance, 527; tuberculosis, 375; twenty-first century, 1865 United States Air Force; role, 783 United States Army; role, 773 United States Navy; role, 778

United States Public Health Service; role, 766

writing; newspapers, 1762

Pharmacists, clinical, see Clinical pharmacists

Pharmacists, community Internet; information, 34

reimbursement; services, 32 reports; USP quality control, 1240 Pharmacists, hospital

ambulatory care; hyperte committees; ethics, 2007 communication; attitudes, 584

computers; intervention documentation, 1727 contract services: role, 41

contract services; rote, 41 decision-making; formularies, Nov 15 suppl 55 drug information; database comparisons, 2592 education, pharmaceutical; administration, 1076 emergency services; disasters, 1110 ethics; infant formula kits, 687 history C. Juney. 1096.

history; C. Lyons, 1095

Internet; information, 34 interventions; ambulatory care, 2719; costs, 392; documentation, 1596; dosage checking, 545; drug-food interactions, 405; i.v. to oral conversion, 524; outcomes, 1591; peer review, 1722; physicians' acceptance, 397

job description; advertising, 1260 liability; overview, 1152

patient education; latex allergies, 1071 patient-focused care; team, 2174 pharmaceutical care; palliative care, 753 pharmaceutical services; patient-focused care, 1262

prescribing; oncology clinics, 680 professional competence; assessment, 1412 professional relations; physicians, 1584 quality assurance; health care, 2238

reports; USP quality control, 1240 residents; job satisfaction, 1521 role; alteplase monitoring, 2213; anti-infective DUE, 1837; emergency rooms, 1702; i.v. syringe checking, 1611; outsourcing conflicts, 52 safety; needle-stick policies, 258

services; clinical care plans, 314 staff development; clinical skills, 48; training programs, 1794

vorkload; i.v. administration systems, 1614 writing: reference books, 1335

Pharmacists, institutional

clinical pharmacy; training, 674 computers; clinical information systems, 1515 consultation; ASHP guidelines, 431; indigent pa-

disease management; managed care systems, 2217 health maintenance organizations; computerized databases, 1510; help desk, 1941; hospital

history; Boston Dispensary, 1097 home health care; AIDS, 1407; enoxaparin monl-

toring, 1968 interventions; psychopharmacy clinic, 2717 managed care; Internet, 34

managed care systems; opportunities, 1049 patient care; clinical information systems, 1505 patient education; managed care systems, 1497 patient-focused care; clinical information systems, 1501

practice; future, 2503 prisons; anticonvulsant compliance, 2585 role; computer systems, 263 services; clinical care plans, 314

Pharmacodynamics databases; health care, 2601 docetaxel; clinical studies, Dec 15 suppl \$16

enoxaparin; comparisons, 1185 Pharmacoeconomics

docetaxel; comparisons, Dec 15 suppl \$11 heparin; comparisons, 1185 neparin; comparisons, 1185 paclitaxel; comparisons, Dec 15 suppl S11 propofol; review, 1953 purchasing; 1997 projections, 153 United States Army; administration, 773

Pharmacokinetics amifostine; review, 787

aminoglycosides; patients' weight, 2201 amphotericin B; liposomes, 2426 angiotensin-converting-enzyme inhibitors; review, 2689

ardeparin sodium, 1575 azelastine hydrochloride, 234 aztreonam; critical illness, 537 bromfenac sodium; overview, 2151 bupropion hydrochloride; smoking cessation, 1478 cerivastatin sodium; overview, 1793 delavirdine mesylate; FDA approvals, 1233

dexfenfluramine hydrochloride; review, 2059 docetaxel; clinical studies, Dec 15 suppl S16; overview, Dec 15 suppl S7

donepezil hydrochloride; review, 2805 gemcitabine; review, 162

gentamicin; Bayesian calculations, 541; piperacillintazobactam interactions, 2704

interferon alfacon-1; overview, 2656 levofloxacin; review, 2569 metformin hydrochloride; review, 893

mibefradil dihydrochloride; overview, 2033

mycophenolate mofetil; review, 285 nelfinavir mesylate; FDA approvals, 1233 nicotine; inhalers, 1478

pharmaceutical services; patient-focused care, 1262 pramipexole dihydrochloride; overview, 1922

quetiapine fumarate; overview, 2547 reteplase; FDA approvals, 12 ropinirole hydrochloride; overview, 2 sermorelin acetate; overview, 2547

tazarotene; overview, 2037 tiagabine hydrochloride; ove tiludronate disodium, 1145

tobramycin; Bayesian calculations, 541 tramadol; review, 643 troglitazone, 623

trovafloxacin mesylate; review, 2569

Pharmacopeial standards

injections; labeling, 2006 United States Pharmacopeia; pharmacy practice, 1633

Pharmacotherapy; specialties; examinations, 101 Pharmacy administration; recruitment, 1260; staff perfor-

mance, 2680; technicians' certification, 2562 computers; medical logic modules, 281

history; J. Oddis, 1804, 1815; twenty-first century, 1865 practice; history, 1827; H. Manasse, 1477; outsourc-ing conflicts, 52; patient consultation, 2084; pharmaceutical care, 2733; professional issues, 1877; USP standards, 1633

reimbursement; antiemetics, 830 state boards; North Carolina, 2434

students; clinical interventions, 1727; community service, 354; mentoring programs, 1701; public

relations, 1236; residencies, 92, 1521 Pharmacy and therapeutics committee

hospitals; ICU algorithms, 1841 mental retardation facilities; therapeutic substitution, 1716 Pharmacy benefit management companies

administration; Department of Veterans Affairs,

contract services; integrated health care, 2207 health maintenance organizations; administration, 19

ValueRx; mergers, 513

Pharmacy, clinical, see Clinical pharmacy Pharmacy, community chain stores; customer satisfaction, 531; patient in-

formation, 1381 independents; customer satisfaction, 531 managed care systems; laws, 1752 services; disease management, 32; immunization

programs, 490; integrated health care, 2207; patient satisfaction, 2721 United States Public Health Service; services, 76

Pharmacy, education, see Education, pharmacentical

Pharmacy Ethics, 687 Pharmacy, institutional

administration; psychopharmacy clinic, 2717 anticonvulsants; costs, 1716 computers; pharmacists' role, 263 costs; purchasing, 153

health maintenance organizations; clinical information systems, 1515; computerized databases,

home health care; enoxaparin, 1968 managed care systems; ambulatory care databases, 1973; clinical information systems, 1501, 1505;

formularies, 1041; quality assurance, 1528 patient education; ASHP guidelines, 431 practice; future, 2503; history, 1097 prescriptions; mail order, 520 prisons; training, 674

services; clinical care plans, 314; HMO formularies, 1941; integrated health care, 2207; patient educa-

tion, 1497 United States Public Health Service; services, 766

Pharmacy, institutional, hospital administration; ambulatory care, 1584; clerkships, 1727; clinical training programs, 1794; code of conduct, 142; controlled substances, 630, 1392; cost control, 1196; decision-making, 2491; drug administration routes, 200; drug expenditures, 2302; e-mail, 886; l.v. compounding, 904; i.v. syringe checking, 1611; pharmacists' liability,

alteplase; forms, 1447

ambulatory care; Medicare reimbursement, 2433 anti-infective agents; DUE, 1837

clinical pharmacists; economics, 2079; interventions, 1623

computers; dosage checking, 545; information systems. 269

contract services; HMOs, 670; impact, 43 decentralized; drug information databases, 2592; emergency rooms, 1702; i.v. to oral conversion,

Department of Veterans Affairs; services, 761 drug distribution systems; contract services, 37, 41, 52; outsourcing, 45; outsourcing models, 48

drug information centers; telecommunication networks, 1930

emergency services; disasters, 1110 errors, medication; methodology, 171 ethics; committees, 2007

formularies; ACE inhibitors, 2689; amifostine, 787; cost-benefit analysis, 95

history; C. Lyons, 1095; twentieth century, 1805 integrated health care; U.S., 238 intensive care units; pharmacists' interventions,

interventions: costs, 392

policies and procedures; gene-therapy handling, 1604; latex allergies, 2516; needle sticks, 258 protocols; insulin dosage, 1046

quality assurance; clinical interventions, 1722: DUE criteria, 2000, 2002; personnel competence, 1412: tramadol, 696

reports; drug deaths, 2434; USP quality control, 1240

residencies; self-renewal programs, 2116

residents; job satisfaction, 1521 services; ambulatory care, 2719; clinical care plans, 314; clinical pharmacists, 1280; clinical studies, 1742; hypertension clinics, 564; ICU algorithms, 1742; hypertension clinics, 304; ICO algorithms, 1841; immunization programs, 490; infection monitoring, 1897; latex allergies, 1071; palliative care, 753; patient satisfaction, 2721; patient-focused care, 1262, 2174; pediatric nutrition, 1335; pharmacists' interventions, 1591; practice trends, 639; quality assurance, 2238; regional consolidation, 1076; survey, 653; United States Air Force, 783 standards; latex allergies, 2517

technology; information, 274

United States Army; services, 773
United States Navy; services, 778
Pharmacy personnel, see Personnel, pharma-

Pharmacy services, see Pharmaceutical servic-Pharmacy Technician Certification Board:

technicians; recertification requirements, 1486

Phenobarbital; adverse reactions; cross-sensitivity,

Phenoxybenzamine hydrochloride: incompatibilities; vehicles, 2073

Phentermine; toxicity; heart diseases, 1785

Phenytoin; toxicity; emergency room visits, 295 Phenytoin sodium; adverse reactions; cross-sensitivity, 2616

Phlebography; thrombophlebitis; diagnosis, 66 Phlebotomy lidocaine, combination, prilocaine; pain, 386

tetracaine: pain, 388 Phosphate binders; aluminum hydroxide; sodium

phosphate toxicity, 2488

Phosphorus; dosage; dietary reference intakes, 2438 Physicians

communication; drug administration routes, 200 disease management; managed care systems, 2217 documentation; drug allergies, 1627

drug information; medicinal plants, 2656 education; ACE inhibitors, 264; i.v. to oral conversion, 524; pharmacy students, 1727 managed care systems; laws, 1752

patient information; nonprescription drugs, 2664 prescribing; ambulatory care, 2719; analgesics, 2451; antibiotics, 2457; aspirin prophylaxis, 1949; dosage, 545; HMOs, 1510; managed care systems, 1041; pharmacists' interventions, 392,

professional relations; hospital pharmacists, 1584; pharmacists, 1097, 1262

reports; USP quality control, 1240

role; suicide, 1025

Physicians' Desk Reference; databases; compariis, 2592

Physician's GenRx; databases; comparisons, 2592 Piperacillin sodium; combination, tazobactam so-dium; interactions, 2704

Placental transfer

globulin immune; HIV infections, 1018 uman immunodeficiency virus immune globulin; HIV infections, 1018 zidovudine; HIV infections, 1018

Planning and design

hospital pharmacy; Department of Veterans Affairs,

pharmacy, institutional; mail order, 520 Plants; medicinal; drug information, 2656; labeling regulations, 2561 Plasticizers; diethylhexyl phthalate; containers,

566; leaching, Dec 15 suppl \$7 **Plastics**

chlorobutanol; acetylcysteine incompatibilities,

incompatibilities; pentoxifylline suspensions, 1301; pyrimethamine suspensions, 2714; tacrollmus suspensions, 178

polyisoprene; fluorouracil incompatibilities, 1845 polypropylene; fluorouracil incompatibilities, 1845; incompatibilities, 1106; midazolam incompatibilities, 913; propafenone incompatibilities,

polyvinyl chloride; antibiotic incompatibilities, 1068; dexamethasone-ondansetron incompatibilities, 1065; docetaxel injections, Dec 15 suppl S7; fluorouracil incompatibilities, 1845; incompatibilities, 2204; insulin-ranitidine incompatibilities, 1304; plasticizer leaching, 566; pro-

pafenone incompatibilities, 1293
Platelet aggregation inhibitors

aspirin; myocardial infarction, 586, 1984, Nov 15 suppl S9 coronary disease; stents, 437

Plethysmography; thrombophlebitis; diagnosis,

immunization; ASHP position statement, 575 rational therapy; pharmacists' role, 527

Pneumococcal vaccines immunization; adults, 379

Streptococcus pneumoniae; penicillin-resistant, 575 use; pharmacists' role, 527 onia: sulfamethoxazole, combination, tri-

ethoprim; P. carinii, 1545 Poisoning; drugs; suicides, 295

Policies and procedures, see Administration Politics; Hungary; health care, 1207

Polyethylene; containers; acetylcysteine incompatibilities, 549

Polyisoprene

containers: incompatibilities, 915 incompatibilities; fluorouracil, 1845

Polymers: polystyrene: propafenone incompatibili-

ties, 1293

Polyoxyl 40 hydrogenated castor oil; vehicles; paclitaxel incompatibilities, 566

Polypropylene; incompatibilities; caffeine citrated, 1106; fluoriouracil, 1845; midazolam, 913; propafenone, 1293

Polysorbate 80; vehicles; docetaxel injections, 566 Polystyrene; incompatibilities; propafenone, 1293 Polyvinyl chloride containers; bupivacaine-morphine incompatibili-

ties, 61; ceftriaxone-metronidazole, 424; dexa-methasone-ondansetron incompatibilities, 1065; docetaxel injections, Dec 15 suppl \$7; in-compatibilities, 915, 1417; insulin-ranitidine incompatibilities, 1304; thiotepa incompatibilities, 2588

incompatibilities; antibiotics, 1068; antineoplas-tics, 566; burnetanide, 422; fluorouracil, 1845; i.v. injections, 2204; meropenem, 412; pro-pafenone, 1293

Postmarketing surveillance protease inhibitors; hyperglycemia, 1575

ritonavir; labeling, 126

Potency; levothyroxine sodium; FDA regulations, 2151

captoprii; incompatibilities, 2483 phenoxybenzamine hydrochloride; compounding, 2073

Pramipexole dihydrochloride; approvals; FDA,

Precipitation

notericin B; remifentanil incompatibilities. 2192 acrine; granisetron incompatibilities, 56 ceftriaxone sodium; incompatibilities, 424 ciprofloxacin lactate; incompatibilities, 1193 doxorubicin hydrochloride; incompatibilities,

fluorouracil: incompatibilities, 1845

iron; parenteral nutrition, 570 metronidazole hydrochloride; incompatibilities, 424

propafenone hydrochloride; incompatibilities,

propofol; incompatibilities, 1287

warfarin sodium; incompatibilities, 2599

Prednisone; dermatitis; losartan adverse reactions, 1333

Pregnancy

contraceptives, oral; emergency use, 874 globulin immune; HIV infections, 1018 human immunodeficiency virus imm HIV infections, 1018 zidovudine; HIV infections, 1018

Prescribing

cannabis; laws, 126

divalproex; mental retardation facilities, 1716 s; expenditure reports, 2302; palliative care,

pharmacists; Department of Veterans Affairs, 761; pharmacists, hospital; hypotensive agents, 564; oncology clinics, 680

physicians; ACE inhibitors, 264; ambulatory care, 2719; analgesics, 2451; antibiotics, 2457; aspirin prophylaxis, 1949; asthma, 2197; dosage, 545; HMOs, 1510; managed care systems, 1041 valproic acid; mental retardation facilities, 1716

Prescriptions

costs; low-income patients, 1702 discharge; patient consultation, 1262 drugs; advertising, 2181, 2596; compliance, 2503; death, 2434; HMO formularies, 1941; molecular weight, 1449; patient information, 352, 1572, 2664; prescription to nonprescription, 1207 integrated health care; U.S., 238 mail order; clinical services, 613; HMOs, 520 patient information; survey, 1381 pharmacy, community; services, 531 institutional; clinical information sys-

tems, 1515 Preservatives

chlorobutanol: acetylcysteine incompatibilities.

injections: storage, 2006 Prilocaine; combination, lidocaine; comparisons, 388

clinical pharmacists: role, 1280 depression; pharmacists' role, 2668 hypertension: pharmacists' role, 564 pharmaceutical services; antihypertensive pro-grams, 2079

rimers, 66, 1071, 1420, 1528, 1973, 2207, 2491, 2601, 2721 Prisons

anticonvulsants; compliance, 2585

pharmacy, institutional; services, 674

Product development; vaccines; adults, 379

Product withdrawal

dexfenfluramine hydrochloride; toxicity, 2269 fenfluramine hydrochloride; toxicity, 2269 pseudoephedrine hydrochloride, combination, terfenadine; toxicity, 342 terfenadine; toxicity, 342

Professional competence personnel, pharmacy; assessment, 1412 pharmacists; APhA policies, 1025; JCPP working groups, 2433; NABP resolutions, 1932 pharmacists, hospital; recruitment, 1260 pharmacists, institutional; clinical pharmacy, 674 echnicians; certification, 2562

Professionalism

personnel, pharmacy; code of conduct, 142 pharmacists; mentoring programs, 1701; resignation, 1946

Professional relation

nurses; pharmacists, 2174 pharmacists; physicians, 1097; resignation, 1946 pharmacists, hospital; patient-focused care, 1262; physicians, 1584

Professions; pharmacy; qualifications, 1827 Propafenone hydrochloride; incompatibilities; uents, containers, 1293

Propellants; chlorofluorocarbons; FDA regulations,

Propofol

dosage schedules; parenteral nutrition, 694 emulsions; nutritional implications, 2515 incompatibilities; Y-site injections, 1287 pharmacoeconomics; review, 1953 Propoxyphene; concomitant therapy, 85 Propranoloi; akathisia; antipsychotic toxicity, 2461

Propylene; copolymers; ethylene, 2204 Propylene glycol; incompatibilities; phenoxyben-zamine, 2073 Proteins; enteral nutrition; labeling, 2239

Protocols

see also Guidelines

algorithms; ICU, 1841 alteplase; cardiovascular disorders, 1447; cere-

artepiase; Catifurvascular utsorders, 1447, Cere-brovascular disorders, 2213
American Society of Health-System Pharmacists; ACE inhibitors, 299; niacin, 2815; S. pneumoniae resistance, 575; tuberculosis, 428 analgesics and antipyretics; pain, 2451 antibiotics; resistance prevention, 2457 anti-inflammatory agents; asthma, 862

antineoplastic agents; pharmacists, 68 antivirals; HIV infections, 1681, 2652 aspirin; myocardial infarction prophylaxis, 1984 computers; medical logic modules, 281 disease management; community pharm fentanyl: i.v. to transdermal, 87

hospital pharmacy; latex allergies, 2516 interferons; hepatitis C, 1140 nutrition; National Academy of Sciences, 2438; pe-

diatrics, 1335

pharmaceutical services; clinical care plans, 314 propofol; fat emulsions, 2515 roentgenographic agents; cost-benefit analysis,

1395 sulfamethoxazole, combination, trimethoprim; desensitization, 1545

thrombolytic agents; myocardial infarction, Nov 15 suppl S3

tramadol hydrochloride; DUE, 696 urokinase; DUE criteria, 2000, 2002 vaccines; adolescents, 494 vincristine sulfate; dosage, 1755

Pruritus; azelastine hydrochloride; FDA approvals,

Pseudoephedrine hydrochloride; combination, terfenadine; product withdrawal, 342. Psoriasis; tazarotene; FDA approvals, 2037 Psychopharmacy; ambulatory care; clinic, 2717

Psychotherapeutic agents algorithms; ICU, 1841

ambulatory care; pharmaceutical services, 2717

Psychotherapy; attention deficit disorder with hyperactivity, 2685 Psychotic disorders; quetiapine fumarate; FDA ap-

provals, 2547 Publications; American Journal of Health-System

Pharmacy; policies, 30
Public Broadcasting Service; television; medication errors, 1486

Public health HIV infections: home tests, 2232 hospitals; quality assurance, 2238 United States; Healthy People 2000, 2169

Public Health Service; pharmacists; awards, 2050 Public relations organizations; health care, 2282

students; museum exhibits, 1236

Purchasing drugs; AIDS buyers' clubs, 2122 group; drug cost projections, 153 hospital pharmacy; wholesalers, 45 PVC, see Polyvinyl chloride

Pyrimethamine; stability: suspensions, 2714

0

Quality assurance

drug distribution systems; medication errors, 171 drug distribution systems; medication errors, 171 drug information centers; databases, 1763 health care; hospitals, 2238; informatics, 274 home health care; HMOs, 1968 hospital pharmacy; administration, 1076; clinical interventions, 1722; contract services, 48; DUE criteria, 2000, 2002; survey, 653; tramadol, 696 hospitals; latex allergies, 1071 immunization; pharmacists; role, 2553 immunization; pharmacists' role, 2553 injections; syringe checking, 1611

managed care systems; accreditation, 1528; disease management, 2217; formularies, 1041 National Committee for Quality Assurance; man-

aged care systems, 2551 onnel, pharmacy; profession onal competence, 1412

pharmaceutical services; clinical care plans, 314; patient satisfaction, 2721; pharmaceutical care, 1434 pharmacy, community; customer satisfaction, 531

Quality control, see Control, quality Quality improvement, see Quality assurance Quality of life

antiemetics; comparisons, 2478 docetaxel; comparisons, Dec 15 suppl S11 paclitaxel; comparisons, Dec 15 suppl S11 pain; pharmacists' role, 2451 prescription drugs; advertising, 2596

Questions and Answers, 30, 1037, 1260, 1701,

Drug review articles and industry ties, 30 Healthy People 2000, 2169 Monitoring member satisfaction, 1037 Overemphasis on credentials in personnel ads, 1260

PALs program, 1701
Quetiapine fumarate; approvals; FDA, 2547
Quinolones

ciprofloxacin lactate; incompatibilities, 1193 levofloxacin; review, 2569 trovafloxacin mesvlate: review, 2569

Rabies vaccines; imm unization; adults, 379 Radiopharmaceuticals administration; needle-stick policies, 258

sulin human, 1304

United States Pharmacopeia; standards, 1633 Ranitidine hydrochloride; incompatibilities; in-

Rational therapy analgesics and antipyretics; pain. 2451 angiotensin-converting-enzyme inhibitors; pharmacists' interventions, 264

antibiotics; ASHP position statement, 575; resistance, 2457 anti-infective agents; DUE, 1837

B-agonists: asthma, 2197 drugs; emergency room visits, 295; clinical pharmacists, 1280

myocardial infarction; protocols, Nov 15 suppl \$9; pharmacists' role, Nov 15 suppl \$3 niacin; hyperlipidemia, 2803, 2815 pneumococcal infections; pharmacists' role, 527

polypharmacy; pharmacists' interventions, 2719 prescription drugs; advertising, 2181 roentgenographic agents; cost-benefit analysis,

vincristine sulfate; toxicity, 1755 Recombinant t-PA, see Alteplase Reconstitution, see Drugs; reconstitution Records

hospital pharmacy; controlled substances, 630, 1392; wholesalers, 45 medical; adolescents, 494; allergies, 1627; patient-focused care, 1262

Recruitment; pharmacists; advertising, 1260 Reference books; nutrition; pediatrics, 1335 References

patient information; writing guidelines, 1572 prescription drugs; advertising, 2596

Regulations clinical studies; administration, 1742 controlled substances; documentation, 1392 dietary supplements; labeling, 2561 estrogens, conjugated; generic, 1376 Food and Drug Administration; AIDS buyers' clubs, 2122; anorexics labeling, 1785; dietary supplements, 1707; ephedrine, 1578; gene therapy, 877; Internet, 757; levothyroxine, 2151; oral contra-

ceptives, 874; paclitaxel labeling, 2128; thalido-mide marketing, 2270 hospital pharmacy; pharmacists' liability, 1152; service outsourcing, 45

imports; multivitamins, 1789 inhalers; chlorofluorocarbons, 1021 International Olympic Committee; drug abuse,

managed care systems; integrated health care, 1752 Medicare; antiemetic reimbursement, 830 North Carolina; drug deaths, 2434

patient information; private sector, 352; written, 1381

substitution; NABP resolutions, 1932

tobacco: FDA, 2050 Reimbursement

Balanced Budget Act of 1997: Medicare, 2433 health-benefit programs; innovative therapy, 572 integrated health care; pharmaceutical services,

pharmacists, community; disease management, 32 pharmacy; Medicare policies, 830 pharmacy; Medicare policies, 830 pharmacy, institutional; computer programs, 1505 third party; clinical studies, 1742 Release; drugs; membranes, 1759

Remifentanil hydrochloride; incompatibilities; Y-site simulation, 2192

Renal artery obstruction; angiotensin-convert-ing-enzyme inhibitors; contraindications, 1552

Replacement solutions calcium chloride; bradycardia, 2488 emergency kits; disasters, 1110 heart arrest; therapy, 85 sodium chloride; hyperphosphatemia, 2488

Reports adverse reactions: natient-focused care, 1262 allergies; documentation, 1627
American Society of Health-System Pharmacists;

strategic planning, 1889 control, quality; USP, 1240 death; drug related, 2434

drugs; costs, 2302 drugs, adverse reactions; dietary supplements, 1707; therapeutic interchange, 1149 integrated health care; U.S., 238

managed care systems; quality assurance, 1528

Research anticoagulants; history, 1992 health care; databases, 2601 history; museum exhibits, 1236 hospitals; university affiliated, 1711 latex; allergies, 2517

iateki, aitergies, 2517 marketing; membership satisfaction, 1037 outcomes; pharmaceutical care, 1434 thrombolytic agents; history, 1992 United States Public Health Service; pharmacists'

role, 766

vaccines; adults, 379
Residencies, see Education, pharmaceutical; residencies

Resistance antibiotics: bacteria, 2457 anti-infective agents; Enterococcus, Staphylococcus species, 1420

antituberculars; ASHP protocols, 428 docetaxel; overview, Dec 15 suppl S2 methicillin; *S. aureus*, 2185 penicillin; *S. pneumoniae*, \$27, \$75 tuberculosis; patients' compliance, 375
Respiratory smooth-muscle relaxants; theoph-

ylline; roentgenographic toxicity, 587 Reteplase

approvals; FDA, 12 mechanism of action; thrombolytics, Nov 15 suppl \$17 myocardial infarction; comparisons, Nov 15 suppl

Retired Persons Services; clinical pharmacy; mail

Rhinitis; azelastine hydrochloride; FDA approvals,

Ritonavir; labeling; pediatrics, 1233; toxicity, 126

Roentgenographic agents interactions; metformin, 587 protocols; cost-benefit analysis, 1395
Ropinirole hydrochloride; approvals; FDA, 2655

S

Safety

guidelines; gene-therapy handling, 1604 needles; hospital policies, 258

Salaries

managed care systems; administrators, 1049 pharmacists; residents, 1521; U.S. Public Health Service, 1236; Wisconsin, 558
Saliva levels; antibodies; HIV tests, 2232

Salts; drugs; compounding errors, 1449 Samples; nutrition; pediatrics, 687

Schools; pharmacy; accreditation standards, 2439; drug information centers, 1930 Scintigraphy; thrombophlebitis; diagnosis, 66

Sedimentation; pentoxifylline; suspensions, 1301 Seizures

phenytoin sodium; cross-sensitivity, 2616 tiagabine hydrochloride; EDA approvals, 2544 Selenium; parenteral nutrition; iron dextran incom-patibilities, 570

Self-study Materials, 853, 1464
Pharmacoeconomics and Outcomes: Applications for Patient Care. Module 2: Assessment of Economic Outcomes, 853

Pharmacotherapy: A Patient-Focused Approach,

Senior Medication Awareness Training Pro-gram; errors, medication; California, 2282 Sermorelin acetate; approvals; FDA, 2547

globulin immune; HIV infections, 1018 human immunodeficiency virus immune globulin; HIV infections, 1018

Sex; patients; aspirin prophylaxis, 1984 Simple syrup see also Sucrose

incompatibilities: tacrolimus, 178 Sheletal muscle relaxants algorithms; ICU, 1841

atracurium besylate: incompatibilities, 1735 Skilled-nursing facilities; reimbursement; laws,

Smoking

on; bupropion, nicotine, 1478 patient information: hospital pharmacists, 564 Sociology

HIV infections: home tests, 2232 low income; patient consultation, 2449; patients, 1702; students' community service, 354

pharmacists; pharmaceutical care, 2733 pharmacists, hospital; terminal patients, 753 Sodium bicarbonate heart arrest; therapy, 85

incompatibilities; ciprofloxacin, 1193 vehicles; omeprazole compounding, 1833 Sodium chloride

diluents; antibiotics, 1068; antineoplastic incompatibilities, 566; bupivacaine-morphine incom-patibilities, 61; ceftriaxone-metronidazole, 424; cidofovir injections, 2204; ciprofloxacin incom-patibilities, 1193; cisatracurium incompatibilities, 1735; dexamethasone-ondansetron incom patibilities, 1065; doxorubicin, 2708; drug stability, 915; granisetron incompatibilities, 56; in-compatibilities, 1295; insulin-ranitidine incompatibilities, 1304; meperidine, 205; propofol emulsions, 1287; remifentanil incompatibilities, 2192

hyperphosphatemia; sodium phosphate toxicity, 2488

incompatibilities; acetylcysteine, 549; meropenem, 412; midazolam, 913; propafenone, 1293;

Sodium deoxycholate; solubilizing agents; amphotericin B, 2426

Sodium phosphate dibasic; toxicity; errors, 2488 Software Review, Time Matters, Version 2.20B,

Solubilizing agents; sodium deoxycholate; amphotericin B, 2426 Solutions, ophthalmic; acetylcysteine sodium; in-

compatibilities, 549
Somatropin; wasting syndrome; AIDS, 2618 Soybean oil; incompatibilities; amphotericin B, 683 Specialties

pharmacists; certification, 1236 pharmacotherapy; examinations, 1015 pharmacy; APhA policies, 1025; certification, 1260; residents' satisfaction, 1521 Spectrum microbial

levofloxacin; review, 2569 trovafloxacin mesylate; review, 2569 Sports; drug abuse; pharmacists' role, 1053

oncology: pharmacists' protocols, 680

Stability acetylcysteine sodium; ophthalmic solutions, 549 amphotericin B; incompatibilities, 683 bumetanide; injections, 422

bupivacaine hydrochloride; incompatibilities, 61 caffeine citrated; incompatibilities, 1106 captopril; oral liquids, 2483 ceftriaxone sodium; metronidazole incompatibili-

ties, 424 cidofovir; incompatibilities, 2204 ciprofloxacin lactate; Y-site injections, 1193 cisatracurium besylate; Y-site injections, 1735 dacarbazine; temperature, 915

dexamethasone sodium phosphate; incompatibilities, 1065

docetaxel; overview, Dec 15 suppl S7 dopamine hydrochloride; incompatibilities, 1417 doxorubicin hydrochloride; liposomes, 2708; temperature, 915

epinephrine hydrochloride; incompatibilities, 1417 filgrastim; incompatibilities, 185

fluorouracii; incompatibilities, 1845 granisetron hydrochloride; incompatibilities, 56; oral liquids, 1404
injections; incompatibilities, 64, 181
insulin human; i.v., Y-site injections, 1304
iron dextran; parenteral nutrition, 570

ketamine hydrochloride; meperidine incompatibilities, 205

levothyroxine sodium; FDA regulations, 2151 meperidine hydrochloride; ketamine incompatibilities, 205 meropenem; incompatibilities, 412

metronidazole hydrochloride; ceftriaxone incompatibilities, 424 midazolam hydrochloride; incompatibilities, 913

morphine sulfate; incompatibilities, 61 nitroglycerin; incompatibilities, 1417 omeprazole; compounding, 1833 ondansetron hydrocking, 1833

ondansetron hydrochloride; incompatibilities, 1065: temperature, 915 parenteral nutrition; injections, 1295 pencillins: incompatibilities, 1068

pentoxifylline; suspensions, 1301 phenoxybenzamine hydrochloride; incompatibilipolyvinyl chloride; plasticizer leaching, 566

propafenone hydrochloride; injections, 1293 propofol; Y-site injections, 1287 pyrimethamine; incompatibilities, 2714 ranitidine hydrochloride; i.v., Y-site injections, 1304

remifentanil hydrochloride; incompatibilities, 2192

sumatriptan succinate; suspensions, 1619 tacrolimus; suspensions, 178 thiotepa; incompatibilities, 2588 tobramycin sulfate; incompatibilities, 1068 ursodiol; compounding, 1401 vincristine sulfate; temperature, 915

Stadtlanders Pharmacy; clinical pharmacy; mail order, 613

Staff development

hospital pharmacy; anti-infective DUE, 1837; clini-cal skills, 48; clinical training programs, 1794 pharmacists; Department of Veterans Affairs, 761 pharmacists, institutional; training, 674 Standards

accreditation; pharmacy schools, 2439 American Society of Health-System Pharmacists; residencies, 2055, 2099

computers; program languages, 281 education, pharmaceutical; NABP resolutions, 1932 health care; information, 274 Joint Commission on Accreditation of Healthcare

Organizations; patient care outcomes, 743 managed care systems; quality assurance, 1528 pharmacy; latex allergies, 2517 quality assurance; personnel competence, 1412 United States Pharmacopeia; pharmacy practice,

Staphylococcal infections; mupirocin calcium; v. 2185

Staphylococcus aureus; resistance; methicillin, 2185; vancomycin, 2457

Staphylococcus species; resistance; anti-infective nts, 1420 Statistics

hospitals; HMO ownership, 2044 integrated health care; survey, 2786; U.S., 238

Status asthmaticus; oxaprozin; adverse reactions,

Stents; coronary disease; thrombolytic agents, 437 Sterile products; compounding; technicians, 1702 Steroids, cortico-allergies; latex, 2516; sulfamethoxazole-trimetho-

prim, 1545 dexamethasone sodium phosphate; incompatibili-

ties, 1065 incompatibilities; doxorubicin, 2708 inhalers; chlorofluorocarbons, 1021 prednisone; dermatitis, 1333

riamcinolone acetonide; dermatitis, 1333 Stevens-Johnson syndrome; phenytoin sodium; adverse reactions, 2616

acetylcysteine sodium; incompatibilities, 549 amphotericin B; incompatibilities, 683 bumetanide; injections, 422 bupivacaine hydrochloride; incomp caffeine citrated; incompatibilities, 1106 captopril; incompatibilities, 2483 ceftriaxone sodium; incompatibilities, 424 cidofovir; incompatibilities, 2204 cisatracurium besylate; Y-site injections, 1735 dacarbazine; incompatibilities, 915 dexamethasone sodium phosphate; incompatibilities 1065 docetaxel: incompatibilities, 566; overview, Dec 15

suppl S7 doxorubicin hydrochloride: incompatibilities, 915

filgrastim; incompatibilities, 185 fluorouracil; incompatibilities, 1845 granisetron hydrochloride; incompatibilities, 56; stability, 1404

injections; incompatibilities, 64, 181; preservatives,

insulin human; incompatibilities, 1304 iron dextran; parenteral nutrition, 570 ketamine hydrochloride; meperidine incompatibil-

meperidine hydrochloride; ketamine incompatibilities, 205 meropenem: incompatibilities, 412

metronidazole hydrochloride; incompatibilities, 424 midazolam hydrochloride; incompatibilities, 913 morphine sulfate; incompatibilities, 61 eprazole; stability, 1833

ondansetron hydrochloride; incompatibilities, 915. 1065 paclitaxel; incompatibilities, 566

penicillins; incompatibilities, 106 pentoxifylline; suspensions, 1301 phenoxybenzamine hydrochloride; incompatibili-ties, 2073 propafenone hydrochloride; incompatibilities,

1293 pyrimethamine; incompatibilities, 2714 ranitidine hydrochloride; incompatibilities, 1304

sumatriptan succinate; suspensions, 1619 tacrolimus; suspensions, 178 thiotepa; incompatibilities, 2588 ursodiol; suspensions, 1401

vincristine sulfate; incompatibilities, 915 Strand, L.; pharmacy; future, 1012

Strategic planning American Society of Health-System Pharmacists; reports, 1889 Department of Veterans Affairs; pharmaceutical services, 761

hospital pharmacy; contract services, 48; informat-

hospitals; cost control, 1196; university affiliated, 1711

pharmaceutical services; emergency rooms, 1702 Streptococcus pneumonlae; resistance; penicillin, 527, 575

Students

drug abuse; survey, 365 medical: residencies, 92

Administration; United States Public Health Services pharmaceutical services, 766 Substitution

generic; levothyroxine, 2151

generic drugs; narrow therapeutic index, 1630 therapeutic; ACE inhibitors, 2689; adverse drug actions, 1149; divalproex vs. valproic acid, 1716; FIP guidelines, 2800; NABP resolutions, 1932

Sucrose

see also **Simple syrup** incompatibilities; captopril, 2483; phenoxyben-zamine, 2073; pyrimethamine, 2714 Suicides

pharmacists; physician-assisted, 1025 poisoning; emergency room visits, 295

Sulfamethoxazole; combination, trimethoprim; allergies, 1545; otitis media, 2736

ulfonamides; sulfamethoxazole, combination, tri-methoprim; allergies, 1545; otitis media, 2736 Sumatriptan succinate; stability; suspensions, 1619

Surface aren; patients; docetaxel pharmacokinetics, Dec 15 suppl \$16

Surgery arterial occlusive diseases; comp aztreonam; pharmacokinetics, 537 controlled substances; documentat enoxaparin; hip prosthesis, 1185 heparin; hip prosthesis, 1185

Surgical supplies; administration sets; emergency kits, 1110; fluorouracil incompatibilities, 1845; needle contamination, 258

Suspending agents

incompatibilities; compounding, 178; ursodiol sus-pensions, 1401 methylcellulose; pyrimethamine suspensions, 2714

Suspensions

pentoxifylline; stability, 1301 pyrimethamine; stability, 2714 sulfamethoxazole, combination, trimethoprim; HIV infections, 1545

sumatriptan succinate; stability, 1619 tacrolimus; compounding, 178 ursodiol; stability, 1401

Sustained-action medications

pentoxifylline; suspension compounding, 1301 tablets; patient information, 2403

Sweetening agents

weetening agents orange syrup; ursodiol stability, 1401 sucrose; pyrimethamine suspensions, 2714 syrups; sumatriptan suspensions, 1619

Sympatholytic agents

B-blockers; myocardial infarction, Nov 15 suppl S9 metoprolol; antipsychotic toxicity, 2461 phenoxybenzamine hydrochloride; incompatibilities 2023. ties, 2073

propranolol; antipsychotic toxicity, 2461 Sympathomimetic agents

lbuterol; emergency room visits, 295; status asth-maticus, 199

albuterol sulfate; sustained-action, 2403 β-agonists; DUR, 2197

dopamine hydrochloride: inco mpatibilities, 1417 ephedrine; FDA regulations, 1578 epinephrine; heart arrest, 85

epinephrine hydrochloride; incompatibilities, 1417 etilefrine hydrochloride; sustained-action, 2403 inhalers; chlorofluorocarbons, 1021

norepinephrine bitartrate; incompatibilities, 1417 pseudoephedrine hydrochloride, combination, terfenadine; product withdrawal, 342

Syringes

injections; error checking, 1611 ketamine hydrochloride; stability, 205 meperidine hydrochloride; stability, 205 polypropylene; incompatibilities, 1106; midazolam incompatibilities, 913; propafenone incompatibilities, 1293

Syrups: sweetening agents: sumatriptan suspensions.

T

Tablets

captopril; incompatibilities, 2483

granisetron hydrochloride; liquid compounding,

pentoxifylline; suspension compounding, 1301 pyrimethamine; suspension compounding, 2714 sustained-action medications; patient information, 2403

Tacrolimus; stability; suspensions, 178
Tazarotene; approvals; FDA, 2037
Tazobactam sodium; combination, piperacillin sodium; interactions, 2704

Team

health care; memory disorders, 92 home health care; terminal care, 2230 hospitals; clinical pharmacists, 2811; pharmacists' role, 1591

nutrition; reference books, 1335 patient-focused care; hospitals, 2174; pharmacists' role, 1262 pharmacists; twenty-first century, 1865

primary care; clinical pharmacists, 1280

Team hospitals; hospitals; cost control, 1196

Technicians, pharmacy, see Personnel, phar-macy; supportive

Technology computers; e-mail, 886; health care, 263 drug information; pharmacists' role, 2503 health care; computers, 269; informatics, 274 Telecommunications

drug information centers; networks, 1930 pharmacists, hospital; attitudes, 584 pharmacy, institutional; clinical information sys-tems, 1505; HMO formularies, 1941 Television

education, pharmaceutical; immunization programs, 490 errors, medication; PBS programs, 1486

Temperature

acetylcysteine sodium; incompatibilities, 549 antineoplastic agents; incompatibilities, 915 ceftriaxone sodium; incompatibilities, 424 cidofovir: incompatibilities, 2204 dexamethasone sodium phosphate; incompatibili-

ties, 1065 dextrose; portable infusion pumps fluorouracil; incompatibilities, 1845 granisetron hydrochloride; stability, 1404 meropenem; incompatibilities, 412

metronidazole hydrochloride; inco mpatibilities.

midazolam hydrochloride; incompatibilities, 913 nafcillin sodium: incompatibilities, 1068 omeprazole; stability, 1833 ondansetron hydrochloride; incompatibilities,

1065 oxacillin sodium; incompatibilities, 1068

penicillin G potassium; incompatibilities, 1068 pentoxifylline; stability, 1301 propafenone hydrochloride; incompatibilities, 1293

pyrimethamine; suspension stability, 2714 tacrolimus; suspensions, 178 thiotepa; incompatibilities, 2588 tobramycin sulfate; incompatibilities, 1068

ursodiol; stability, 1401
Teratogenicity; thalidomide; toxicity, 2270 Terfenadine; product withdrawal; toxicity, 342
Tests, laboratory

anticoagulants; institutional pharmacists, 1968 blood; thrombophlebitis, 66 dextrose; blood levels, 1058 drug abuse; 0/ympic Games, 1053 HIV infections; non-blood-based, 2232

human immunodeficiency virus; ribonucleic acid levels, 1646

Tetracaine; pain; comparisons, 388 Texas; hospitals; ownership, 2238 Thalidomide; marketing; FDA regulations, 2270

Theophylline; prophylaxis; roentgenographic agents toxicity, 587 Therapeutic interchange, see Substitution; ther-

Therapy Consultation, 87, 694, 1545, 1759, 2510,

Thermography; thrombophlebitis; diagnosis, 66
Thiamine; parenteral nutrition; deficiency, 1789
Thiamine deficiency; vitamins; shortage, 1789
Thiopental sodium; incompatibilities; Lv. additives, 64

Thiotepa; incompatibilities; sodium chloride, 2588

Thrombolytic agents alteplase; cardiovascular disorders, 1447; cerebrovascular disorders. 2213: mechanism of action, Nov 15 suppl \$17; myocardial infarction, \$66, Nov 15 suppl \$27 clinical studies; outcome markers, Nov 15 suppl \$23 coronary disease; stents, 437

myocardial infarction; pharmacists' role, Nov 15 suppl S3; protocols, Nov 15 suppl S9 n-PA; mechanism of action, Nov 15 suppl S17

research; history, 1992 reteplase; FDA approvals, 12; mechanism of action, Nov 15 suppl S17; myocardial infarction, Nov 15

suppl S27
TNK-t-PA; mechanism of action, Nov 15 suppl S17 urokinase; comparisons, 1963; DUE criteria, 2000, 2002; overview, 1988

Thrombophlebitis

ardeparin sodium; FDA approvals, 1575 diagnosis, 66 enoxaparin; comparisons, 1185 enoxaparin sodium; home health care, 1968 heparin; comparisons, 1185

heparins; low molecular weight, 1995 thrombolytic agents; clinical studies, 1992 urokinase; DUE criteria, 2002; regional infusion, 1988

Thrombosis

anticoagulants; overview, 1992 thrombolytic agents; overview, 1992 urokinase; overview, 1988

Thyroid drugs; levothyroxine sodium; FDA regula-

Tiagabine hydrochloride; approvals; FDA, 2544
Tiludronate disodium; approvals; FDA, 1145
Time; pharmacists, institutional; AIDS prophylaxis, 1407

Time studies; drug administration systems; cefotaxime vs. ceftriaxone, 1614

Tinzaparin sodium; thrombophlebitis; overview,

TNK-t-PA; mechanism of action; thrombolytics, Nov 15 suppl S17 Tobacco; regulations; FDA, 2050

Tobramycin; pharmacokinetics; Bayesian calculations, 541; patients' weight, 2201
Tobramycin sulfate; incompatibilities; filgrastim,

185; polyvinyl chloride, 1068 Tomography; thrombophlebitis; diagnosis, 66

Topical preparations lidocaine, combination, prilocaine; phlebotomy lidocaine, o pain, 388

mupirocin calcium; review, 2185 tetracaine; phlebotomy pain, 388 triamcinolone acetonide; dermatitis, 1333

Toxicity

see also Drugs, adverse reactions

albendazole; liver, blood, 319 aldesleukin; palliative care, 1191 alteplase; clinical studies, 2213

amifostine; review, 787 amphotericin B; liposomes, 2426

angiotensin-converting-enzyme inhibitors; phar-macists' interventions, 264; renal artery obstruction, 1552; review, 2689 anorexics; heart diseases, 1785

antidepressants; geriatrics, 2510 antineoplastic agents; amifostine therapy, 787; antiemetic comparisons, 2478; antiemetic reim-bursement, 2433; antiemetics, 830; pharmacists' protocols, 680

antipsychotic agents; basal ganglia diseases, 2461 antivirals; HIV infections, 1681 ardeparin sodium, 1575

aspirin; dosage, 1949; myocardial infarction pro-phylaxis, 1984

azelastine hydrochloride; side effects, 234 bromfenac sodium; overview, 2151

bupropion hydrochloride; smoking cessation, 1478 cefepime hydrochloride; neutropenia, 2621

cerivastatin sodium: overview, 1793 cidofovir; kidney failure, 12 cisapride; interactions, 320

delavirdine mesylate; FDA approvals, 1233 dexfenfluramine hydrochloride; product with-drawal, 2269; review, 2059

dietary supplements; reports, 1707 divalproex sodium; substitution, 1716

docetaxel; dosage, Dec 15 suppl \$16; overview, Dec 15 suppl \$2, \$19 donepezil hydrochloride; review, 2805

drug abuse; newspapers, 1762

drugs; clinical care plans, 314; clinical information systems, 1505; clinical pharmacists, 1280; death, 2434; education, 1053; emergency room visits, 295; restricted formularies, 1041 drugs, nonprescription; consumer information.

fenfluramine hydrochloride; product withdrawal,

fentanyl; transdermal patches, 85

gemcitabine, 162

gene therapy; FDA regulations, 877 ginseng; warfarin interactions, 692 granisetron hydrochloride; comparisons, 1172 heparins; low molecular weight, 1995

injections; pain, 388 interferon alfa-2a, 190

interferon alfacon-1; overview, 2656 levofloxacin; review, 2569

levothyroxine sodium; potency, 2151 lidocaine, combination, prilocaine; side effects, 388 medical devices; infections, 1897

medicinal plants; drug information, 2656 metformin; interactions, 587 metformin hydrochloride; review, 893

methamphetamine: myocardial infarction, 586 mibefradil dihydrochloride; overview, 2033 mupirocin calcium: review, 2185 mycophenolate mofetil, 285

nafcillin; home health care, 1176 nelfinavir mesylate; FDA approvals, 1233 niacin; monitoring, 2803, 2815 nicotine; inhalers, 1478

nutrition; dietary reference intakes, 2438 ondansetron hydrochloride; comparisons, 1172 oxacillin; home health care, 1176 pramipexole dihydrochloride; overview, 1922 prescription drugs; patient information, 2664

propofol; hypertriglyceridemia, 2515; review, 1953 protease inhibitors; hyperglycemia, 1575

pseudoephedrine hydrochloride, combination, ter-fenadine; product withdrawal, 342 quetiapine fumarate; overview, 2547 reteplase; side effects, 12 ritonavir; labeling, 126 roentgenographic agents; prophylaxis, 587 ropinirole hydrochloride; overview, 2655 sermorelin acetate; overview, 2547 sodium phosphate dibasic; pediatrics, 2488 somatropin, 2618 tazarotene; overview, 2037 terfenadine; product withdrawal, 342 tetracaine; erythema, 388 thalidomide; FDA regulations, 2270 tiagabine hydrochloride: overview, 2544 tiludronate disodium; overview, 1145 tramadol: review, 643 tramadol hydrochloride; DUE, 696 tretinoin, 190 troglitazone, 623 trovafloxacin mesvlate: review, 2569 urokinase; DUE criteria, 2000, 2002; overview, 1988 valproic acid: substitution, 1716 rasopressin; injections, 2230 vincristine sulfate: dosage, 1755 warfarin sodium; ginseng interactions, 692; interac-tions, 320

Tramadol; pain; review, 643 Tramadol hydrochloride; use; evaluation, 696 Tranquilizers; abuse; adolescents, 365
Transplantation; bone marrow; drug incompati-

es. 181 Tretinoin: carcinoma: renal cell, 190

Triamcinolone acetonide; dermatitis; losartan adverse reactions, 1333 Trimethoprim; combination, sulfamethoxazole; allergies, 1545; otitis media, 2736

Troglitazone; approvals; FDA, 623 TrophAmine; incompatibilities; iron dextran, 570 Trovafloxacin mesylate; bacterial infections; re-

Tuberculosis patient information; pharmacists' interventions, 375

resistance; ASHP protocols, 428 Tubing; polyvinyl chloride; fluorouracil incompati-bilities, 1845

Turbidity amphotéricin B; granisetron incompatibilities, 56 cefoperazone sodium; remifentanil incompatibilities, 2192 chlorpromazine hydrochloride; remifentanil in-

compatibilities, 2192 doxorubicin hydrochloride; incompatibilities,

thiotepa; incompatibilities, 2588 warfarin sodium; incompatibilities, 2599 Typhoid vaccines; immunization; adults, 379

U

Ultrasonography; thrombophlebitis; diagnosis, 66 United Kingdom; pharmacists, hospitals; interven-

United States; cannabis; laws, 126 United States Agency for Health Care Policy and Research; administration; evidence-based practice centers, 2668 United States Air Force; pharmaceutical services;

iministration, 783 United States Army; pharmaceutical services; ad-

United States Navy; pharmaceutical services; ad-

United States Pharmacopeia reports; quality control, 1240

standards; injection labeling, 2006; pharmacy practice, 1633

United States Public Health Service

harmacists; careers, 1236; role Department of Health and Human Services; Healthy People 2000, 2169 drug abuse; students' survey, 365 health maintenance organizations; administration,

integrated health care; administration, 19

pharmacy; history, 1805 regulations; AIDS buyers' clubs, 2122 Universities; health professions; hospitals, 1711 Urine levels; antibodies; HIV tests, 2232

arterial occlusive diseases; comparisons, 1963 thrombosis; overview, 1988 use; evaluation, criteria, 2000, 2002 Ursodiol; stability; compounding, 1401



Urokinase

Vaccines

adults; immunization, 379 pharmacists; administration, 490 pneumococcal; ASHP position statement, 575; use, protocols; adolescents, 494

Valproic acid; substitution; mental retardation fa-cilities, 1716

Value Health; mergers; Columbia/HCA Healthcare,

Vancomycin; resistance; S. aureus, 2457 Varicella vaccines: adults: immunization, 379 Vasodilating agents; nitroglycerin; myocardial infarction, 586

Vasopressin; gastrointestinal hemorrhage; home infusion, 2230

Vehicles

cherry syrup; granisetron stability, 1404 citric acid; phenoxybenzamine incompatibilities, 2073

fat emulsions; propofol, 2515 glycerin; ursodiol stability, 1401 methylcellulose; captopril incompatibilities, 2483

polyoxyl 40 hydrogenated castor oil; paclitaxel incompatibilities, 566 polysorbate 80; docetaxel incompatibilities, 566

propofol; fat emulsions, 694 propylene glycol; phenoxybenzamine incompati-

simple syrup: incompatibilities, 178 sodium bicarbonate; omeprazole compounding, 1833

sodium chloride; acetylcysteine incompatibilities, 549

sucrose; captopril incompatibilities, 2483; phen-oxybenzamine incompatibilities, 2073; pyrimethamine suspensions, 2714

syrups; sumatriptan suspensions, 1619 water for injection; captopril incompatibilities, 2483

water; captopril incompatibilities, 2483; pentoxifylline suspensions, 1301; phenoxybenzamine incompatibilities, 2073 Vendors; selection; contract services, 43

Ventricular dysfunction; angiotensin-convert-ing-enzyme inhibitors; pharmacists' interventions, 264; protocols, 299

closures; latex, 2516 multiple dose; unpreserved, 2006 paclitaxel; labeling, 2128

Vincristine sulfate incompatibilities; containers, 915 toxicity; dosage, 1755 Viscosity; dextrose; portable infusion pump, 1277 Vitamin D; dosage; dietary reference intakes, 2438

dosage; dietary reference intakes, 2438 labeling; FDA regulations, 2561 multiple; parenteral nutrition, 570; shortage, 1789

clitaxel; labeling, 2128 Volume of distribution, see Drugs, body distribution

Vomiting

antiemetics; Medicare policies, 830 granisetron; comparisons, 2478 ondansetron; comparisons, 2478 propofol; toxicity, 1953 therapy; pharmacists' protocols, 680



Warfarin; concomitant therapy, 1968 Warfarin sodium

incompatibilities: i.v. additives, 2599

interactions; acarbose, 1551; cisapride, 320; ginseng. 692

Wastage; controlled substances; documentation,

Waste disposal fentanyl; transdermal patches, 85

injections; preservatives, 2006
Wasting syndrome; somatropin; AIDS, 2618

control, quality; USP standards, 1633 incompatibilities; captopril, 2483; phenoxyben-zamine, 2073

vehicles; pentoxifylline suspensions, 1301

Water for Injection diluents; antibiotics, 1068; incompatibilities, 64; warfarin incompatibilities, 2599

incompatibilities; captopril, 2483; meropenem, 412 Weight injections; compounding, 678 patients; aminoglycoside pharmacokinetics, 2201;

creatinine clearance, 2505 olesalers; contract services; hospital pharmacy,

45 Wisconsin; pharmacists; survey, 558

health care; FDA programs, 2288; psychopharmacy clinic, 2717 pharmacists; hours, 558; residency satisfaction,

1521

hospital pharmacy; methodology, 171 nurses; insulin protocols, 1046; i.v. administration, 1614

clinical documentation, 1727

World Wide Web

Agency for Health Care Policy and Research; evidence-based practice centers, 2668 American Society of Health-System Pharmacists; in-formation, 1273; latex allergies, 2517

Wounds and injuries; personnel, pharmacy; nee-dle sticks, 258

Writing

patient information; guidelines, 1572 pharmacists; newspapers, 1762 publications; drug information, 30



Zidovudine; HIV infections; pregnancy, 1018

Author Index

Δ

Abdel-Rahman, Susan M. Stability of pentoxifylline in an extemporaneously prepared oral sus-

Abramowitz, Paul W. Multidisciplinary ap proach to reducing costs in a health system, 1 Adams, Jack P. see Marshall, Judith M., 1412 Alfano, Sandra L. see Stump, Lisa S., 1447 Allain, Patrick see Corbrion, Valérie, 1845

Allen, Loyd V. Jr. see Stiles, M. Lou, 1068
Ambados, Fotios Compatibility of ketamine hydrochloride and meperidine hydrochloride (let-

Ambrose, Peter J. Doping control in sports—a perspective from the 1996 Olympic Games, 1053 Amin, Biren Position statement from infectious diseases society (letter), 2822

Ammons, Dwayne K. Prioritizing pharmacy ser-vices in the emergency department (Frontline Pharmacist), 1702

Anaizi, Nasr H. Stability of acetylcysteine in an extemporaneously compounded ophthalmic so-

Andersen, Scott R. Accuracy of technicians versus pharmacists in checking syringes prepared for a dialysis program, 1611

Anderson, Philip O. see Lee, Hanneli A., 1759
Andrus, Derek S. Book review, 1462
Antolovich, Gabrielle see Taniguchi, George,

Arenberg, Steven Monitoring member satisfaction (Questions and Answers), 1037

Arend, Jonathan see Gray, Thomas M., 1262
Armitstead, John A. see Boyko, William L., 1591
Armstrong, Edward P. Ambulatory care databases for managed care organizations, 1973 Armstrong, Edward P. see also Else, Barbara A.,

Aronovitch, Sharon see Gauthier, Isabelle, 405

Asensio, Juan see Cornwell, Edward E. III, 537 Au, Adrienne Lam Important points to note when preparing nutritional admixtures for latexsensitive patients (letter), 2128

B

Bahal, Surendra M. Visual compatibility of war-farin sodium injection with selected medications and solutions, 2599

Bailey, Leonard C. Stability of ceftriaxone sodium and metronidazole hydrochloride, 424

Bailey, Thomas C. see McMullin, S. Troy, 545 Baker, Mary B. see Trissel, Lawrence A., 1295 Baldinger, Sandra L. Cost savings from having a

clinical pharmacist work part-time in a medical intensive care unit, 2811 Baluch, William M. Implementing a clinical in-formation system in a managed care setting. Clinical information system in a mixed-model HMO,

Barber, Nick D. Predicting the rate of physician-accepted interventions by hospital pharmacists in the United Kingdom, 397 Barber, Nicholas D. see also Dean, Bryony S.,

Barbour, Paul J. see Brouker, Mark E., 1794
Barker, Kenneth N. see Flynn, Elizabeth Allan,

Barletta, Francis P. see Okeke, C. Claudia, 1633 Barrachina, Fernando see Mateu-de Antonio, Javier, 2515

Barriuso, Patricia see Chandler, Christine, 1280 Basmarjian, Patrick A. see Lennon, David B., 1392

Batty, Ros see Barber, Nick D., 397 Bauer, Steve see Yee, Donald K., 670 Baxter, Steve see May, Marcus W., 630

Bayles, Britt C. Pharmaceutical services in the United States Navy, 778 Beal, Frederick C. Work styles (Frontline Pharma-

Beall, Howard D. see Fish, Douglas N., 1619 Beard, Karen M. see Hoyt, Douglas B., 1752 Beckett, Brian E. see Hill, W. Chris, 1208

Belgado, Bernadette S. Evaluation of electronic drug information resources for answering ques tions received by decentralized pharmacists, 2592 Belson, J. Joseph see Okeke, C. Claudia, 1633

Beltz, Elizabeth A. see Mutnick, Alan H., 392 Belzberg, Howard see Cornwell, Edward E. III, 537

Berger, Michael J. see Fan-Havard, Patty, 1407
Berne, Thomas V. see Cornwell, Edward E. III,

Berning, Shaun E. see Peloquin, Charles A., 700,

Bernstein, Gail see Farley, P. Anne, 2478 Berod, Thierry Pharmacist's role in rescue efforts after plane crash in Indian Ocean (letter), 1110

Bertino, Joseph S. Jr. Intranasal mupi outbreaks of methicillin-resistant Staphylococcus aureus, 2185

Bever, Kristine A. Dexfenfluramine hydrochloenic agent, 2059

Blumenschein, Karen see Neudeck, Brien L., Boike, Steven C. Cardiovascular effects of i.v. gra-

nisetron at two administration rates and of on-dansetron in healthy adults, 1172 Bond, Jack A. see Lacy, Melinda K., 1837 Bonhomme-Faivre, Laurence see Paule, Ber-

nard, 190 Bonk, Mary Ellen Supplying starter kits of infant formula. Position 1: director should accept the proposal, 687

Bootman, J. Lyle see Johnson, Jeffrey A., 554 Bosso, John A. Controlling pneumococcal resis-tance to penicillin (editorial), 527

Bosso, John A. see also Hall, Philip D., 185
Bottaro, Samuel D. II see Williams, Roger F., 773
Boyko, William L. Jr. Pharmacist influence on
economic and morbidity outcomes in a tertiary care teaching hospital, 1591

Bradford, Gregory S. see Hill, W. Chris, 1208 Branthaver, Beth Determination of cost-effective treatment of acute otitis media from HMO records, 2736

Briesacher, Becky Patient satisfaction with pharmaceutical services at independent and chain pharmacies, 531

Brody, Robert V. see Dong, Betty J., \$64 Brossard, Denis see Corbrion, Valérie, 1845 Brouker, Mark E. Inhouse clinical training program for staff pharmacists (Management Consultation), 1794

Brugger, Catherine H. see Farnsworth, Terry L,

Brundage, Dianne Guiding patients to better pain relief (Frontline Pharmacist), 2451

Bruno, R. Advances in the management of cancer: review of docetaxel. Pharmacokinetic and pharmacodynamic properties of docetaxel: results of Phase I and Phase II trials, Dec 15 suppl \$16

Brushwood, David B. Challenging denial of coverage for innovative therapy, 572

Buckler, Victoria see Kale-Pradhan, Pramodini

Burgot, Gwenola see Le Guévello, Pierre, 1449 Burke, Cassandra E. Order form for restricting vancomycin prescribing (letter), 1893

Bush, Paul W. see Kale-Pradhan, Pramodini B., 2201

Bussey, Henry I. see Haines, Stuart T., 66 Butts, John D. see Yerasi, Ash B., 85 Butts, John D. see Yerasi, Ash B., 85 Byerly, Wesley G. Book review, 1913

C

Camamo, James M. see Grant, Kathryn L., 1395 Camamo, James see also Maloney, Marie, 1841

Campagna, Keith D. Key factors influencing pharmacists' drug therapy decisions, 1307 Campbell, Thomas M. Improving drug use in a capitated program for the poor (Managed Care Forum) 2449

Canaday, Bruce R. Anticonvulsant cross-sensitivity. 2616

Cano, Steven B. Book review, 224 Cantrill, Judith A. Accuracy of drug allergy docu-mentation, 1627

Cantu. Thomas G. Fact versus opinion in the judgment on fosphenytoin articles (letter), 1653 Caouette, Marc L. see Williams, Roger F., 773 Carhuapoma, Juan see Dumo, Peter, 2213 Carhuapo Carleton, Bruce see McCormack, James P., 2505

Carlson, Steve Once-daily aminoglycoside therapy

Carson, Stanley W. see Cranor, Carole W., 1716 Ceccato, Attillo see Evrard, Brigitte, 1065 Chaffee, Betty J. Low-molecular-weight heparins

for treatment of deep vein thrombosis, 1995 Chan, Debora Schotik Multidisciplinary handbook on pediatric nutritional support (letter),

Chan, Debora Schotik see also Chan, Jessica H.

Chan, Eli see Lye, Michelle Y. F., 2483 Chan, Eli W. Y. see also Lim, Lee-Yong, 2073

Chan, Jessica H. M. Computer program for track-ing incidence of intravascular-device-related infections in patients receiving parenteral nutrition (letter), 1897

Chan, Sui Y. see Lye, Michelle Y. F., 2483 Chan, Sui-Yung see also Lim, Lee-Yong, 2073 Chan-ou-Teung, Françoise see Berod, Thierry,

Chandler, Christine Pharmacists on a care team at a Veterans Affairs medical center, 1280

Chandler, Mary H. H. see Radomski, Kristine M.,

Chang, Barbara see Dedden, Phil, 1968 Chapman, Robert L. see Chavez, Mary L., 2635 Chatelain, Fred see Goldwater, Shannon H., 200 Chavez, Mary L. In search of literature on alternative therapi

Cheverry, Claire see Le Guévello, Pierre, 1449 Chiu, Ming Fung Visual compatibility of injectable drugs used in the intensive care unit, 64

Chow, Moses S. S. see Baldinger, Sandra I Chow, Moses S. S. see also Quercia, Robert A., 1404, 1833

Christen, Catherine see Johnson, Cary E., 61 Clifton, G. Dennis Antithrombotic therapy after intracoronary stent placement, 437

Coffey, Edward L. Jr. see Keith, Matthew R., 674 Coley, S. Crystal Performance of three portable infusion-pump devices set to deliver 2 mL/hr,

Colgan, Kevin see Farley, P. Anne, 2478 Collette, David R. Fact versus opinion in the nt on fosphenytoin articles (letter), 1654 Collette, David R. Reactions to fosphenytoin edi-

torial and review article (letter), 442 Collins, Ted see Sleath, Betsy, 2197 Connor, Sharon E. see Lewis, Richard K., 2084 Cook, Steven E. see Patel, Piyush R., 412 Cooke-Ariel, Hannah Promoting use of angio-

tensin-converting-enzyme inhibitors (editorial),

Cooper, Janet see McCormack, James P., 2505 Corbrion, Valérie Precipitation of fluorouracil in elastomeric infusers with a polyisoprene reservoir and in polypropylene syringes with an elastomeric joint, 1845

Corey, Ron see Briesacher, Becky, 531 Corliss, Don A. Computer-assisted help desk for handling drug benefits (Managed Care Forum),

Cornish, Laura A. Stability of bumetanide in 5% dextrose injection, 422

Cornwell, Edward E. III Pharmacokinetics of aztreonam in critically ill surgical patients, 537 Cottrell, W. Neil see Cantrill, Judith A., 1627 Cousins, David Reliability and validity of hospital pharmacists' clinical intervention data, 1596

Cox. Emily R. see Else. Barbara A., 2601 Cramer, Richard L. see Collette, David R., 442, 1654

Cranor, Carole W. Clinical and economic impact of replacing divalproex sodium with valproic acid, 1716

Crauste-Manciet, Sylvie see Corbrion, Valérie.

Crinnion, Cara see Maloney, Marie, 1841 Cruz, Julia M. see Owens, Dwight, 683 Curtiss, Frederic R. Lessons learned from projects in disease management in ambulatory care, 2217 Cuyegkeng, Thomas X. see Gong, William C., 92

D

Dahl, Terrence C. see Ennis, Richard D., 2204 Dahlgren, Amy Frazier Adverse drug reactions in home care patients receiving nafcillin or oxacil-

Dahlgren, Amy Frazier Two cases of possible

cefepime-induced neutropenia (letter), 2621

Daniels, Charles E. see Abramowitz, Paul W.,

Daniels, Charles E. see also DeCederfelt, Hope J., 1604 Dapolite, Lori A. see Horne, Allen L., 680

Darlington, Margaret Raburn Hypoprothrombinemia induced by warfarin sodium and cisapride (letter). 320

Davis, Angela Stafford Streamlining outpatient drug therapy at a Veterans Affairs medical center, 2719

Davis, George A. see Radomski, Kristine M., 541 Davis, Nan H. Change from zolpidem to clorazepate won't solve the patient's problem (letter), 588

Davis, William C. Home infusion of vasopressin for gastrointestinal bleeding, 2230

De Peri, Charles Jr. Software review, 728
Dean, Bryony S. Mathematical modeling of pharmacy systems, 2491

DeCederfelt, Hope J. Handling of gene-transfer products by the National Institutes of Health Clinical Center pharmacy department, 1604
DeCederfelt, Richard O. see DeCederfelt, Hope

DeChristoforo, Robert AIDS buyers' clubs, 2122 Dedden, Phil Pharmacy-managed program for home treatment of deep vein thrombosis with enoxaparin, 1968

Delattre, Luc see Evrard, Brigitte, 1065 Delporte, Jean-Pierre see Evrard, Brigitte, 1065 Demetriades, Demetrios see Cornwell, Edward E. III. 537

Dempsey, Cindy L. see Farley, P. Anne, 2478 Denis, Pierre see Mazzo, David J., 566 Dentinger, Paul J. see Analzi, Nasr H., 549 Dermanoski, Kevin R. see Paavola, Fred G., 766 Dickson, Mike see Reeder, C. E., 653 Dobler, George L. see Bahal, Surendra M., 2599 Doering, Paul L. see Belgado, Bernadette S., 2592

Dole, Ernest J. Book review, 333

Dong, Betty J. Pharmacist provision of preventive health care services in a hypertension clinic, 564

health care services in a hypertension clinic, 564 **Dumo, Peter** Thrombolysis in acute ischemic stroke, 2213 **Dunagan, W. Claiborne** see McMullin, S. Troy,

545 **Dupuis, L. Lee** Stability of propafenone hydrochloride in i.v. solutions, 1293 **Dydek, George J.** see Williams, Roger F., 773

E

Early, John J. see Cranor, Carole W., 1716 Echaves, Steven A. see Dong, Betty J., 564 Echevarria, Roberto see Williams, Roger F., 773 Eckardt, John R. Advances in the management of cancer: review of docetaxel. Antitumor activity of docetaxel. Dec 15 suppl \$2

docetaxel, Dec 15 suppl S2 Eckel, Fred M. Outsourcing drug distribution services. Outsourcing: at odds with pharmacy's professional foundation, S2

resistora roundatori, 52 Egberts, A.C.G. see Kan, H.J.M. van, 388
Eichelberger, Bernadette Implementing a clinical information system in a managed care setting.
Building clinical decision-support systems to profile physician practice and develop guidelines in a staff-model HMO, 1510

Eichelberger, Bernadette see also Branthaver, Beth, 2736

Eidem, Leslie A. see Lacy, Melinda K., 1837
El-Rachidi, Amne see Pramar, Yashoda V., 913
Else, Barbara A. Data sources for pharmacoeconomic and health services research, 2601
Endean, Eric D. see Neudeck, Brien L., 1963

Endean, Eric D. see Neudeck, Brien L., 1963 Ennis, Richard D. Stability of cidofovir in 0.9% sodium chloride injection for five days, 2204 Erkkila, Denise see Murray, Kim M., 2588 Ernst, Erika J. see Ernst, Michael E., 2569

Ernst, Michael E. Levofloxacin and trovafloxacin: the next generation of fluoroquinolones? 2569 Erstad. Brian L. see Maloney. Marie. 1841

Erstad, Brian L. see Maloney, Marie, 1841 Everson-Mays, Robyn E. Restarting trimethoprim-sulfamethoxazole after a hypersensitivity reaction in patients infected with the human immundeficiency virus, 1545 Evrard, Brigitte Stability of ondansetron hydro-

Evrard, Brigitte Stability of ondansetron hydrochloride and dexamethasone sodium phosphate in 0.9% sodium chloride injection and in 5% dextrose injection. 1065

F

Fábián, L. Nonprescription drugs in Hungary (letter), 1207

Fagan, Susan C. see Dumo, Peter, 2213
Fan, Chengde see Quercia, Robert A., 1404, 1833
Fan-Havard, Patty Continuity of pharmaceutical services for patients with AIDS in the transition

from hospital to home, 1407

Farley, P. Anne Patients' self-reported functional status after granisetron or ondansetron therapy to prevent chemotherapy-induced nausea and vomiting at six cancer centers, 2478

Farnsworth, Terry L. Myocardial infarction after intranasal methamphetamine (letter), 586 Felkey, BiH G. Health system informatics, 274

Felkey, Bill G. Health system informatics, 274 Felkey, Bill G. Implementing a clinical information system in a managed care setting. Building the clinical workstation: software for the healthsystem pharmacist, 1505

Ferrière, Francoise see Paule, Bernard, 190 Fish, Douglas N. Stability of sumatriptan succinate in extemporaneously prepared oral liquids, 1619

Fishwick, Jeffrey J. Weight-based accuracy of parenteral nutrient solutions prepared with an automated compounder, 678

Fitzsimmons, Dana S. Our professional responsibility after hospitals change ownership (letter), 2238

Fleming, Ronald A. see Owens, Dwight, 683 Flynn, Elizabeth Allan Observational study of accuracy in compounding i.v. admixtures at five hospitals, 904

Forrester, Collie W. see Davis, Angela Stafford, 2719

Foster, Jessica A. see Jacobson, Pamala A., 178 Foster, Thomas S. see Wermeling, Daniel P., 1742 Foster-Nora, Jessica A. Amifostine for protection from antineoplastic drug toxicity. 787

Fowler, Joan Barnett Book review, 471 Fox, Janet L. see Fish, Douglas N., 1619 Fox, Janet L. see also Nolan, Paul E. Jr., 1304 Fox, Janet L. see also Stewart, James T., 915

Fraser, Brent D. Stability of caffeine citrate injection in polypropylene syringes at room temperature (letter), 1106

Freeman, Cheryl H. see Yee, Donald K., 670 Freenia, Maureen L. see Smith, Kelly M., 295 Friedmann, Yrena Involving network pharmacies in disease management programs (Managed Care Forum). 32

Frighetto, Luciana Tracking and reporting drug expenditures (Management Consultation), 2302 Fry, Paula Duncan Planning the basics of a mailservice pharmacy (Managed Care Forum), 520

Frye, Carla B. Methylphenidate for depression in the elderly, medically ill patient, 2510

Fudin, Jeffrey Quicker dosage adjustment for transdermal fentanyl, 87

Fumoleau, Pierre Advances in the management of cancer: review of docetaxel. Efficacy and safety of docetaxel in clinical rials, Dec 15 suppl \$19

G

Gabriel, Caroline M. Supportive care during aldesleukin therapy for patients infected with human immunodeficiency virus, 1191

Gallivan, Stephen see Dean, Bryony S., 2491 Gandhi, Ashesh J. see Phillips, Beth Bryles, 2613 Gannon, Richard H. see Baldinger, Sandra L., 2811

Gaspard, Olivier see Evrard, Brigitte, 1065
Gates, Dennis M. Book review, 472
Gauthier, Isabelle Comparison of programs for preventing drug-nutrient interactions in hospitalized patients, 405

Gerrett, David see Cousins, David, 1596 Gibson, John see Bayles, Britt C., 778

Gilbert, Doward L. Jr. Compatibility of ciprofloxacin lactate with sodium bicarbonate during cimulated Visite administration, 1192

simulated Y-site administration, 1193 Gilbert, Doward L. Jr. see also Trissel, Lawrence A., 56, 1287, 1295, 1735, 2192, 2708 Gill, Mark A. see Cornwell, Edward E. III, 537

Goetsch, Roger Home collection and non-blood-based methods of testing for the human immuno-deficiency virus, 2232

Goldberg, Laurence A. Book review, 852 Goldwater, Shannon H. Smoothing the path for i.v.-to-oral conversion (letter), 200 Gombotz, Wayne R. see Murray, Kim M., 2588 Gong, William C. Book review, 1366

Gong, William C. Memory disorders consultation service (letter), 92

Goodwin, S. Diane see Fish, Douglas N., 1619 Gora-Harper, Mary Lea Book review, 1464 Gouveia, William A. The power and perils of emall (Management Consultation), 886 Gouveia, William A. see also Pill, Michael W.,

Grabenstein, John D. Status and future of vaccines for adults. 379

Grady, Lee T. see Okeke, C. Claudia, 1633 Grant, Kathryn L. Adverse events and cost savings three years after implementation of guidelines for outpatient contrast-agent use, 1395

Gray, Thomas M. Pharmacists in patient-focused care (Frontline Pharmacist), 1262

Gray, Vivian A. see Okeke, C. Claudia, 1633 Green, John Recapping needles in the pharmacy (Frontline Pharmacist), 258

Green, Laurence see DeCederfelt, Hope J., 1604 Green, Susan K. see Fan-Havard, Patty, 1407 Greiner, Deborah L. see Branthaver, Beth, 2736 Grimes, George J. see DeCederfelt, Hope J., 1604 Gubbins, Paul O. see Penzak, Scott R., 2744 Guenette, Amy J. Book review, 106 Gura, Kathleen M. Book review, 1000

Gura, Kathleen M. Book review, 1000 Gura, Kathleen M. see also McDermott, John S., 2516

Guthrie, M. Kelly see Davis, Angela Stafford, 2719

H

Haddad, Ann M. Ryan Possible losartan-induced rash (letter), 1333

Haefeli, Walter E. see Schuerch, Leander V., 2403 Hagan, Robert L. see Mallett, Mark S., 1401 Hallemeskel, Bisrat Estimating aminoglycoside dosage requirements in patients with low serum

creatinine concentrations (letter), 986

Hallemeskel, Bisrat Severe asthmatic reaction to contraindicated anti-inflammatory drug (letter), 199

Haines, Stuart T. Diagnosis of deep vein thromhosis 66

Hall, Gregory E. see Bayles, Britt C., 778
Hall, Philip D. Compatibility of filgrastim with selected antimicrobial drugs during simulated Y-

selected antimicrobial drugs during simulated Ysite administration, 185 Han, Nina H. see Lewis, Kelly S., 643 Hanish, Lynn R. Standardizing regimens for slid-

Hanish, Lyan R. Standardizing regimens for sliding-scale insulin (Frontline Pharmacist), 1046 Hanish, Lyan R. User-friendly weight-based heparin protocol for initial infusion (letter), 699 Harris, William L. Jr. Book review, 2775

Hasegawa, Elizabeth A. J. Can we talk? 584 Hasegawa, Elizabeth A. J. Can we talk? 584 Hatton, Randy C. see Belgado, Bernadette S., 2592 Haupt, Bridget A. see Kanmaz, Tina J., 1623

Haupt, Bridget A. see Kanmaz, Tina J., 1623
Hawkins, David W. Antithrombotic drugs for thromboembolic disorders: a lesson in evidence-based medicine, 1992

Hawkins, David W. Pharmacoeconomic model of enoxaparin versus heparin for prevention of deep vein thrombosis after total hip replacement, 1185

Hawkins, Patti R. The pharmacist as a health education coordinator (Managed Care Forum), 1497

Heeren, David L. see Sauer, Barbara L., 1727 Heide, Peter Edgar Precipitation of amphotericin B from i.v. fat emulsion (letter), 1449 Hepler, Charles D. Where is the evidence for for-

Hepler, Charles D. Where is the evidence for formulary effectiveness? (letter), 95
 Higby, Gregory J. American pharmacy in the

twentieth century, 1805

Hille, D. see Bruno, R., Dec 15 suppl \$16

Hill, W. Chris Miracle is not the same as luck

(letter), 1208
Hipple, Thomas F. see Nahata, Milap C., 2714
Himb Jack on Hawking David W. 1992

Hirsh, Jack see Hawkins, David W., 1992 Hitt, Catherine M. Cost comparison of single daily i.v. doses of ceftriaxone versus continuous infusion of cefotaxime, 1614

Hitt, Catherine M. Influence of piperacillin-tazobactam on pharmacokinetics of gentamicin given once daily, 2704 Ho, Paul C. L. see Lim, Lee-Yong, 2073

Ho, Paul C. see also Lye, Michelle Y.F., 2483 Ho, Sherman S. M. Comparison of two brands of test strips for self-monitoring of blood glucose,

Hoffman, Richard M. see Wieland, Linda D., 1062

Holder, Geoffrey see Schuerch, Leander V., 2403 Holdford, David A. Improving the quality of outcomes research involving pharmaceutical servic-

Holloman, Lisa C. Management of acute extra-pyramidal effects induced by antipsychotic drugs, 2461

Holloway, William see Burke, Cassandra E., 1893 Hood, Kerri A. Mycophenolate mofetil: a unique immunosuppressive agent, 285 Hopefl, Alan Book review, 1562

Hopefl, Alan Reactions to fosphenytoin editorial and review article (letter), 445

Horne, Allen L. Protocol for pharmacist manag ment of antineoplastic drug-induced adverse effects in outpatients, 680

Hostettler, Charles see Bayles, Britt C., 778 Hoyer, Gifford L. see Nolan, Paul E. Jr., 1304 Hoyt, Douglas B. Regulating managed care in an integrated health system environment, 1752 Hudson, Teresa Book review, 1909

Hul, Yuk Fung Gemcitabine: a cytidine analogue active against solid tumors, 162

Hurd, David D. see Owens, Dwight, 683 Huse, Daniel M. Economic evaluation of famciclovir in reducing the duration of postherpetic neuralgia, 1180

Icaza, Luis see Taniguchi, George, 696, 2007 Ignoffo, Robert J. Medicare reimbursement for oral antiemetics in management of chemotherapy-induced emesis (letter), 830 Ilson, Bernard see Boike, Steven C., 1172

Ivey, Marianne F. see Boyko, William L., 1591

Jacobi, Judith An aspirin a day: advice that makes sense (editorial), 1949

Jacobson, Pamala A. Stability of tacrolimus in an extemporaneously compounded oral liquid, 178

Jaggers, Leslie Dotson Healthy People 2000
(Questions and Answers), 2169

Jambulingam, Thanigavelan see Mott, David

Janda, Sue M. Book review, 2831 Janetzky, Katherine Probable interaction beeen warfarin and ginseng, 692

Janetzky, Katherine see also Morreale, Anthony

Janich, Julia A. see Marshall, Judith M., 1412 Janis, Lesley W. see Wieland, Linda D., 1062 Jermain, Donna M. Psychopharmacy medication clinic in a managed care women's health setting, 2717

Joerg, Kenneth H. Supplying starter kits of infant formula. Position 2: director should decline the proposal, 688

Johnson, Cary E. Compatibility of bupivacaine hydrochloride and morphine sulfate, 61 Johnson, Cary E. see also Cornish, Laura A., 422

Johnson, Cary E. see also Jacobson, Pamala A., Johnson, James R. see Campbell, Thomas M.

Johnson, Jeffrey A. Drug-related morbidity and mortality and the economic impact of pharma-ceutical care, 554

Johason, Ruth A. see Senst, Bonnie L., 1071 Johason, Steven B. see Maloney, Marie, 1841 Johnston, Kerry R. see Fudin, Jeffrey, 87 Jorkasky, Diane E. see Bolke, Steven C., 1172

K

Kahn, Michael G. see McMullin, S. Troy, 545 Kakuda, Thomas N. Somatropin for treating AIDS-related wasting syndrome, 2618 Kalash, Leslie D. Reports of labeling problems do get action (letter), 2128

Kale-Pradhan, Pramodini B. Effect of body weight on aminoglycoside pharmacokinetics in patients with hypoalbuminemia, 2201

Kan, H.J.M. van Tetracaine versus lidocaine prilocaine for preventing venipuncture-induced pain in children, 388

Kanmaz, Tina J. Comparison of manual and bar-

code systems for documenting pharmacists' inter-

Kanyok, Thomas P. Combating tuberculosis (edi-Katz, Joshua A. see Roth, Marc S., 694

Kaul, Alan F. Criteria for use of regional urokinase infusion for deep vein thrombosis, 2002

Kaul, Alan F. Criteria for use of regional urokinase

infusion for peripheral and arterial occlusion. 2000

Kaul, Alan F. see also Tomera, John F., 1988 Keith, Matthew R. Book review, 2534
Keith, Matthew R. Clinical training program for ative pharmacists, 674

Keith, Matthew R. see also Seals, Tarrow D., 2585 Kelly, David M. see Davis, William C., 2230 Kelly, Edward T. III see Baldinger, Sandra I.

Kelly, H. William see Sleath, Betsv. 2197 Kelly, Michael W. see Klepser, Teresa B., 893 Kendall, James D. Fact versus opinion in the judgment on fosphenytoin articles (letter), 1652 Kendrach, Michael Book reviews, 223, 1130 Kepple, Stephen R. Book review, 724 Kern, Jack W. see Cornwell, Edward E. III, 537

Kessler, John M. The pharmacist's perspective on newer thrombolytic therapies for acute myocardial infarction. Decision analysis in the formulary Nov 15 suppl S5

Kienle, Patricia C. Consolidation of pharmacy partments in a regional health system, 1076

Killian, Aaron D. Measuring human imm ficiency virus type 1 RNA viral load, 1646 Kilwein, John H. Book review, 852 Kim, Mia C. see Trissel, Lawrence A., 2192 King, Deanne T. see Stewart, James T., 915 King, Jeffrey H. see Sauer, Barbara L., 1727 Kirsch, Arlene J. see Huse, Daniel M., 1180 Kizer, Kenneth W. see Ogden, John E., 761 Klepser, Michael E. see Ernst, Michael E., 2569 Klepser, Teresa B. Metformin hydrochloride: an rglycemic agent, 893

Knight, Alfred B. see Jermain, Donna M., 2717 Knisely, Virginia see Au, Adrienne Lam, 2128 Knowlton, Heather L. Benefits of a board-certified technician (Management Consultation), 2562

Kolar, G. Ron Outsourcing drug distribution services. Outsourcing: route to a new pharmacy practice model, 48

Kozma, Chris M. see Reeder, C. E., 653 Krasowski, Joseph A. see Okeke, C. Claudia, 1633

Kraynak, Maura A. Advances in the management of cancer: review of docetaxel. Pharmaceutical as-pects of docetaxel, Dec 15 suppl S7 Krueger, Kem P. see Hawkins, David W., 1185 Kubica, Anthony J. Book review, 1130

Kucukarslan, Suzan see Fan-Havard, Patty, 1407 Kucukarslan, Suzan N. see also Schommer, Jon

Kuiper, Randy see Seaboldt, James A., 1732 Kulis-Robitaille, Catherine see Farley, P. Anne,

Kupiak, David M. see Fudin, Jeffrey, 87 Kurz, Andy see Hailemeskel, Bisrat, 986

Lacy, Melinda K. Development of a patient-fod, interdisciplinary antimicrobial management program involving staff pharmacists, 1837

Lambert, Bruce L. Predicting look-alike and sound-alike medication errors, 1161 Lambert, Bruce L. see also Lewis, Richard K., 2084

Lamsam, Grace D. Human dignity and pharmaceutical care, 2733

Landis, Nancy Tarleton California, Arizona laws permit medical use of marijuana (News), 126 Landis, Nancy Tarleton California coalition aims for 'SMART' medication use by seniors (News) 2282

Landis, Nancy Tarleton FDA pharmacist recognized for role in tobacco initiative (News), 2050 Landis, Nancy Tarleton FDA program frames better medication use as women's health issue (News), 2288

Landis, Nancy Tarleton More pharmacists administering vaccines (News), 490

Landis, Nancy Tarleton Museum exhibit gives pharmacy students lessons in history and in meeting the public (News), 1236

Langley, Paul C. see Hawkins, David W., 1185

Lasack, Nancy L. see Lewis, Richard K., 2084 Laub, James J. see Libby, Elizabeth A., 2079 Laurila, Terry L. see Fan-Havard, Patty, 1407 Lazarus, Herman L. Outsourcing drug distribu

tion services. Outsourcing: a success story, 43
Le Guévello, Pierre Medication errors and drug

hydrates (letter), 1449 Lebecq, A. see Bruno, R., Dec 15 suppl \$16 LeDoux, Jane H. see Nolan, Paul E. jr., 1304 Lee, Hanneli A. Giving partial doses of transdermal patches, 1759

Lee, Tara J. see Bahal, Surendra M., 2599 Leff, Richard D. see Coley, S. Crystal, 1277 Legg, Julie see Fan-Havard, Patty, 1407 Lenderink, A. W. see Kan, H.J.M. van, 388 Lennon, David B. Involving anesthesiology drug control (Management Consultation), 1392 Lesar, Timothy S. see Gauthier, Isabelle, 405 Lewis, Kelly S. Tramadol: a new centrally acting

Lewis, Richard K. Patient counseling-a focus on maintenance therapy, 2084

Libby, Elizabeth A. Economic and clinical im-

pact of a pharmacy-based antihypertensive re-placement program in primary care, 2079 Lien, Tho see Sleath, Betsy, 2197 Lim, Lee-Yong Stability of phenoxybenzamine

hydrochloride in various vehicles, 2073 Lim, Lee Y. see also Lye, Michelle Y.F., 2483 Lindley, Celeste see McCune, Jeannine S., 1755 Lisi, Donna M. Ethical issues for pharmacists in managed care (Managed Care Forum), 1041 Liu, Xinchun see Quercia, Robert A., 1833

Loewen, Peter E-mail for conducting surveys (let-Loh, Fang K. see Neudeck, Brien L., 1963

Lopez, Larry M. The pharmacist's perspective on newer thrombolytic therapies for acute myocar-dial infarction. Clinical trials in thrombolytic therapy, part 2: the open-artery hypothesis and RAPID-1 and RAPID-2, Nov 15 suppl S27 Loucas, Vivian A. see Pramar, Yashoda V., 913 Luscombe, David see Cousins, David, 1596

Lye, Michelle Y. F. Effects of ingredients on stabil-ity of captopril in extemporaneously prepared ity of captopril i oral liquids, 2483

Lyons, Carl D. Organizational opportunities and rewards, 1095

Lyons, Sheila see Hall, Philip D., 185

Ma, Maria see Johnson, Cary E., 61 Macres, Mark G. see Andersen, Scott R., 1611 Magnus, Gary H. Leaving a job on an up note (Frontline Pharmacist), 1946

Magnus, Gary H. Surfing the Net for pharmacy sites (Frontline Pharmacist), 34

Magnus, Gary H. Useful Internet sites (letter),

Mallett, Mark S. Stability of ursodiol 25 mg/mL in an extemporaneously prepared oral liquid, 1401

Mallon, Treacy A. see Brouker, Mark E., 1794 Malone, Margaret see Gauthier, Isabelle, 405
Malone, Robert J. see Fishwick, Jeffrey J., 678 Maloney, Marie Development of algorithms for treating patients in the intensive care unit, 1841 Malters, Patricia see Farnsworth, Terry L., 586 Manasse, Henri R. Jr. Continuing the momen-

tum. 187 Manuchehri, Firouzeh see Armstrong, Edward P 1973

Manzi, Shannon French see Sesin, G. Paul, 1209 Marder, Stephen R. see Holloman, Lisa C., 2461 Marra, Carlo A. see Frighetto, Luciana, 2302 Marshall, Judith M. Practical, ongoing compe-tency-assessment program for hospital pharmacists and technicians, 1412

Martin, Arlene B. see Roth, Marc S., 694

Martinez, Juan F. see Gilbert, Doward L. Jr., 1193 Martinez, Juan F. see also Trissel, Lawrence A., 56, 1287, 1295, 1735, 2192, 2708

Mateu-de Antonio, Javier Prop ofol infusion and nutritional support (letter), 2515

Matheson, Charles Fact versus opinion in the judgment on fosphenytoin articles (letter), 1654 Matheson, Charles Reactions to fosphenytoin editorial and review article (letter), 441

May, Marcus W. Computerized system for controlled-substances distribution (Management Consultation), 630

Mayhew, Susan L. Compatibility of iron dextran with neonatal parenteral nutrient solutions, 570 Mazzo, David J. Compatibility of docetaxel and paclitaxel in intravenous solutions with polyvinyl

chloride infusion materials, 566 McAdams, June Wingert see Smith, Kelly M.,

McCament-Mann, Leslie see Sleath, Betsy, 2197 McComb, R. Carter see Abramowitz, Paul W.,

McCormack, James P. Simple approach to dosage adjustment in patients with renal impairment,

McCune, Jeannine S. Appropriateness of maxise guidelines for vincristine, 1755 McDaniel, Michael R. Book review, 2774

McDermott, John S. Procedures for preparing injectable medications for latex-sensitive patients (letter),

McGee, Christine Book review, 2254 McGinnes, Michaelle see Bahal, Surendra M.,

McLendon, Michael L. see May, Marcus W., 630 McManus, Claire More on mechanisms of bacterial resistance (letter), 2747

McManus, M. Claire Mechanisms of bacterial resistance to antimicrobial agents, 1420

McMullin, S. Troy Automated system for identifying potential dosage problems at a large univerospital, 545

McNally, Karen M. Failure-mode and effects analysis in improving a drug distribution system, 171 McNew, Janet L. see Davis, Angela Stafford, 2719 Mehl, Bernard Projecting future drug expendi-_1997 153

Metzger, Scott D. see Hailemeskel, Bisrat, 199 Milkovich, Gary see Goldwater, Shannon H., 200 Miller, Gloria Book review, 2138

Miller, Jane L. Drug review articles and industry es (Questions and Answers), 30

Miller, Jane L. FDA cites new data in decision to bar generic conjugated estrogens (News), 1376

Miller, Jane L. Thalidomide recommended for ap-proval under tight restrictions (News), 2270 Minor, James R. see DeChristoforo, Robert, 2122 Minor, James R. see also Gabriel, Caroline M.,

Minor, James R. see also Goetsch, Roger, 2232 Mirtallo, Jay M. see Trissel, Lawrence A., 1295 Montgomery, Patricia A. see Cornish, Laura A., 422

Moore, Richard A. Useful Internet sites (letter), 1450

Moran, Errol L. see Williams, Roger F., 773 Morosco, Richard S. see Nahata, Milap C., 2714 Morreale, Anthony P. Probable interaction of warfarin and acarbose (letter), 1551

Morreale, Anthony P. see also Janetzky, Katherine, 692 Mott, David A. Path model of Wisconsin pharma-

cists' hours supplied to the labor market, 558 Muniz, Andrew see Ogden, John E., 761

Murphy, Christine Bulk packages of injectable icts (letter), 2006

Murphy, Christine C. see also Fishwick, leffrey I.,

Murphy, John E. Service as the prime directive: Murphy, John E. see also VanDenBerg, Chad,

Murray, Kim M. Stability of thiotepa (lyophilized)

in 0.9% sodium chloride injection, 2588 Musallam, Nabil A. see Sauer, Barbara L., 1727 Mutnick, Alan H. Cost savings and avoidance from clinical interventions, 392

Myers, Charles E. Chasing the curve of innova-tion: trends from the 1996 survey (editorial), 639 Myers, Charles E. Overemphasis on credentials in personnel ads (Questions and Answers), 1260

Myers, Charles E. Procedures for preparing inject-able medications for latex-sensitive patients (letter), 2517

H 200

Nagel, Dennis see Dedden, Phil, 1968 Nahata, Milap C. Stability of pyrimethamine in a liquid dosage formulation stored for three months, 2714

Nahata, Milap C. see also Abdel-Rahman, Susan M., 1301

Najari, Zohre Compatibility of commonly used bone marrow transplant drugs during Y-site deliverv. 181

Nakahiro, Randall K. see Ho, Sherman S. M., 1058

Namanny, Michael D. see Hailemeskel, Bisrat, 199. 986 Neal-Janifer, Annissia see Goldwater, Shannon

Neudeck, Brien L. Intra-arterial urokinase versus surgery for acute peripheral arterial occlusion,

Newlin, Michael H. see Campagna, Keith D.,

Nguyen-Huu, Jean-Jacques see Mazzo, David J.,

Nicolan, David P. see Hitt, Catherine M., 1614.

Nightingale, Charles H. see Hitt, Catherine M., Nolan, Don B. Metformin, contrast media, and

theophylline (letter), 2008 Nolan, Don B. Recognizing a nurse as team leader

(Frontline Pharmacist), 2174 Nolan. Don B. Theophylline option for attenuating contrast media-induced nephrotoxicity in pa-tients on metformin (letter), 587

Nolan, Paul E. Jr. Stability of ranitidine hydrochloride and human insulin in 0.9% sodium chlo-

ride injection, 1304 Nold, Edward G. Trends in health information

systems technology, 269

Nyfeler, Juerg see Schuerch, Leander V., 2403

O'Connor, Paul Book review, 2256 O'Malley, Colleen Quality measurement for health systems: accreditation and report cards,

O'Malley, Colleen Training pharmacists for careers in managed care (editorial), 2055 Oddis, Joseph A. Providing leadership in a time of

Ogden, John E. Pharmaceutical services in the Department of Veterans Affairs, 761 Okamoto, Mark P. see Ho. Sherman S. M., 1058 Okeke, C. Claudia USP standards and activities

affecting pharmacy practice, 1633
Olsen, Keith M. see Peddicord, Tom E., 1417 Orosz, Stephen T. Jr. see Bailey, Leonard C., 424 Orr, Jane Fact versus opinion in the judgment on

fosphenytoin articles (letter), 1654 Orr, Jane Reactions to fosphenytoin editorial and review article (letter), 442 Ostrander, John Book review, 1218

Owens, Dwight Stability of amphotericin B 0.05 and 0.5 mg/mL in 20% fat emulsion, 683

Panyola, Fred G. Pharmaceutical services in the United States Public Health Service, 766 Pacheco, Raquel see Sesin, G. Paul, 1209 Page, Maxwell A. see McNally, Karen M., 171 Pagniez, Sophie see Mazzo, David J., 566 Pahre, Steven N. Preparing for the last visit with a dving patient (Frontline Pharmacist), 753

Paloucek, Frank P. Reactions to fo editorial and review article (letter), 449 Pankey, Susan see Murray, Kim M., 2588 Pashayan, Odette P. see Gong, William C., 92 Patel, Kalpana B. see Hitt, Catherine M., 2704
Patel, Plyush R. Stability of meropenem in intra-

solutions, 412 Pathak, Dev see Fan-Havard, Patty, 1407 Pathak, Dev S. see also Rothermich, Elizabeth A.,

Patterson, Albert A. see Ogden, John E., 761 Paul, W. Larry see Okeke, C. Claudia, 1633 Paule, Bernard Interferon alfa-2a plus tretinoin in patients with metastatic renal cell carcinoma: a pilot study, 190

Pearson, Robert E. see Flynn, Elizabeth Allan,

Peddicord, Tom E. Stability of high-concentration dopamine hydrochloride, norepinephrine bi-tartrate, epinephrine hydrochloride, and nitroglycerin in 5% dextrose injection, 1417

Pelkwijk, N. J. ter see Kan, H.J.M. van, 388 Peloquin, Charles A. Advice on treatment of drug-resistant tuberculosis (letter), 700

Peloquin, Charles A. Advice on treatment of Myavium complex infection (letter), 1208

Penzak, Scott R. More on mechanisms of bacterial resistance (letter), 2744 Perez, Edith A. Standardized antiemetic regimens (letter), 2404

Perez, Michelle M. see Johnson, Cary E., 61 Perlman, Jeffrey M. Fatal hyperphosphatemia after oral phosphate overdose in a premature infant, 2488

Peroutka, Julie A. see Mutnick, Alan H., 392 Perry, Paul I. see Beyer, Kristine A., 2059 Peters, Daniel A. see Mallett, Mark S., 1401 Peterson, Andrew M. see Kanmaz, Tina J., 1623 Phelps, Pamela see Abramowitz, Paul W., 1196 Phillips, Beth Bryles Epoprostenol in the treat-

ment of congestive heart failure, 2613
Piecoro, Lance T. see Wermeling, Daniel P., 1742 Pill, Michael W. The Boston Dispensary: in 1796 and today, 1097

Piper, John see Burke, Cassandra E., 1893 Piscitelli, Stephen C. see Gabriel, Caroline M.,

Piscitelli, Stephen C. see also Goetsch, Roger,

Pittman, Robert E. see Paavola, Fred G., 766 Poikonen, John Arden Syntax: the emerging standard language for representing medical knowledge in computer system... 281

er, Garratt W. see Stewart, James T., 915 Powell, Michael F. Self-study material review, 853 Pramar, Yashoda V. Stability of midazolam hy-drochloride in syringes and i.v. fluids, 913 Probasco, Robert J. Book review, 1367

Prosser, Tony Inconsistencies in labeling of enterproducts (letter), 2239 Puckett, William H. Outsourcing drug distribu

es. Outsourcing: taking the first step, 45 Pugh, Mark C. Book review, 2139

Quasny, Holly Metformin, contrast media, and theophylline (letter), 2007

Quercia, Robert A. Stability of granisetron hydro chloride in an extemporaneously prepared oral liquid, 1404

Quercia, Robert A. Stability of omeprazo extemporaneously prepared oral liquid, 1833 Quick, M. W. see Mayhew, Susan L., 570 Quintiliani, Richard see Hitt, Catherine M.,

Radomski, Kristine M. General versus subpopu lation values in Bayesian prediction of aminoglycoside pharmacokinetics in hematology-onco gy patients, 541

Ramirez, Denis J. see Ogden, John E., 761 Rapp, Robert P. see Neudeck, Brien L., 19 Ray, Max D. Letters from the edge, 1827 Ray, Max D. Pharmacy residency training: proposal for a fourth wave, 2116

Reeder, C. E. ASHP national survey of pharmacy practice in acute care settings-1996, 653 Reents, Stan see Prosser, Tony, 2239 Rego, Louis see De Peri, Charles Jr., 728 Rego, Louis P. see also Smith, Adrienne L., 319 Reichley, Richard M. see McMullin, S. Troy, 545 Reilly, Mary Jo see Talley, C. Richard, 1815 Reltz, Jeffrey see Hul, Yuk Fung, 162 Restino, Maryann S. see Owens, Dwight, 683 Ridout, Deborah A. see Barber, Nick D., 397 Riesenberg, Mark C. see Fishwick, Jeffrey J., 678 Rijnvos, W.P.M. see Kan, H.J.M. van, 388 Riva, A. see Bruno, R., Dec 15 suppl \$16 Roberts, Bernard (Bob) L. Jr. Decentralizing an

i.v.-to-oral conversion program (Frontline Pharmacist), 524

Roberts, Bernard L. see also Boyko, William L.,

Roberts, Neal see Ammons, Dwayne K., 1702 Rosum, Robert W. Planning for an ambulatory care service (Management Consultation), 1584

Roth, Marc S. Nutritional implications of pro-

longed propofol use, 694

Rothermich, Elizabeth A. References for healthrelated quality-of-life claims in prescription drug advertisements, 2596

Rozenberg-Ben-Dror, Karine see Chandler, Christine, 1280

Rudant, Eric see Paule, Bernard, 190
Rusho, William J. see Najari, Zohre, 181
Russell, Fran see Fan-Havard, Patty, 1407
Ryan, Michael L. Book review, 2416

Saikami, Duane Financial risk management of benefits,

Sanborn, Michael D. Book review, 597
Sansgiry, Sujit S. Pharmacists should be recognized as providers of nonprescription drug infornation (letter), 2127

Santell, John P. see Mehl, Bernard, 153
Santell, John P. see also Reeder, C. E., 653
Santella, Robert N. see Singh, Preman J., 2609

Samer, Barbara L. Computerized documentation of activities of Pharm.D. clerkship students, 1727 Sawyer, William T. see Cranor, Carole W., 1716 Schainbaum, Sandra see Huse, Daniel M., 1180 Schmitt, Brian see Chandler, Christine, 1280 Schneider, Philip J. Outsourcing drug distribu-

ces. Outs ourcing: a key to professional survival, 41

Scholer, Susan G. see Haddad, Ann M. Rvan, 1333 Scholz, Robert L. Changing department culture through a code of conduct (Management Consul-

Schommer, Jon C. Measuring patient satisfaction with pharmaceutical services, 2721

Schroeder, Donna J. see Tsourounis, Candy,

Schuerch, Leander V. Haunting medicines (let-

Schuna, Arthur A. Safe use of niacin, 2803. Schwartz, Michael A. Restructuring the acade ic health center for the twenty-first century, 1711 Schwartz, Mitchell Lee see Chiu, Ming Fung,

Schwinghammer, Terry L. A case in point (let-Scott, Felicia Book review, 1002

Seaboldt, James A. Comparison of information obtained from a Usenet newsgroup and from drug information centers, 1732 Seals, Tarrow D. Influence of natient information

leaflets on anticonvulsant drug compliance in prison, 2585 Segars, Larry W. Additional contraindication to

use of angiotensin-converting-enzyme inhibitors (letter), 1552 Senst, Bonnie L. Latex allergy, 1071

Sesin, G. Paul Advice on treatment of Mycobacteri-um avium complex infection (letter), 1209

Shaeffer, Gregory K. Book review, 1001 Shane, Rita The health care puzzle: where does pharmacy fit? 2503

Shapiro, David W. see Dong, Betty J., 56-Shaw, Pamela K. see Coley, S. Crystal, 1277 Shillington, Alicia A. see Farley, P. Anne, 2478

Shintani, Ellen Y. Donepezil: an anticholinest-erase inhibitor for Alzheimer's disease, 2805 Siden, Rivka see Foster-Nora, Jessica A., 787 Simon, Pamela A. Book review, 2415
Singh, Preman J. Gastrointestinal prokinetic

its for enhancing drug response in gastroparesis, 2609

Sleath, Betsy Effect of including both physicians and pharmacists in an asthma drug-use review intervention, 2197 Slimowitz, Richard Book review, 2017

Sloan, Nancy E. see Mutnick, Alan H., 392 Sloskey, Gary E. see Au, Adrienne Lam, 2128 Smalling, Richard W. The pharmacist's perspec-tive on newer thrombolytic therapies for acute myocardial infarction. A fresh look at the molecular pharmacology of plasminogen activators: from theory to test tube to clinical outcomes. Nov 15 Smith, Adrienne L. Albendazole monitoring (let-

Smith, Howard S. see Fudin, Jeffrey, 87 Smith, Kelly M. Drug-related problems in emer-

gency department patients, 295

Smith, Shonda see Holdford, David A., 1434 Smolarek, Richard T. see Zimmerman, Christopher R. Somani, Shabir M. see Abramowitz, Paul W.,

Sorenson, Mark K. see Mutnick, Alan H., 392 St. Peter, John V. see Andersen, Scott R., 1611
St. Peter, Wendy L. see Andersen, Scott R., 1611
Stamm, Pamela L. see Campbell, Thomas M.,

Steffen, William M. Important issues to consider in pursuing prescribing authority for pharmacists (letter), 987

Sterba, Kenneth J. see Mutnick, Alan H., 392 Stevenson, James G. see Zimmerman, Christo-pher R., 1722

Stewart, James T. Stability of ondansetron hydrochloride, doxorubicin hydrochloride, and dacar-bazine or vincristine sulfate in elastomeric portable infusion devices and polyvinyl chloride bags.

Stiles, M. Lou Stability of nafcillin sodium, oxacillin sodium, penicillin G potassium, penicillin G sodium, and tobramycin sulfate in polyvinyl

chloride drug reservoirs, 1068

Stringer, Kathleen A. The pharmacist's perspective on newer thrombolytic therapies for acute myocardial infarction. Clinical trials in thrombolytic therapy, part 1: outcome markers that go beyond mortality reduction, Nov 15 suppl \$23

Stump, Lisa S. Facilitating emergency use of al-teplase for stroke (letter), 1447 Sulak, Patricia J. see Jermain, Donna M., 2717 Summerfield, Marc R. see Scholz, Robert L., 142 Sunderland, V. Bruce see McNally, Karen M.

Surber, Christian see Schuerch, Leander V., 2403 Swartz, Marsha A. see Lacy, Melinda K., 1837 Swenson, Chad F. see Anaizi, Nasr H., 549

T

Tagliente, Thomas M. Pharmacoeconomics of propofol in anesthesia, 1953

Talbert, Robert L. The pharmacist's perspective

on newer thrombolytic therapies for acute myo-cardial infarction, strategies for the management of acute myocardial infarction: selecting patients for thrombolytic therapy, Nov 15 suppl \$9

Talbert, Robert L. The pharmacist's perspective on newer thrombolytic therapies for acute myocardial infarction. Introduction, Nov 15 suppl \$3 Talley, C. Richard ASHP's Web site (editorial),

Talley, C. Richard Direct-to-cons mer prescrip-

tion drug advertising (editorial), 2181

Talley, C. Richard The Joseph A. Oddis Endowt (editorial), 1804

Talley, C. Richard Joseph A. Oddis: influences ents, 1815

Talley, C. Richard Making software work for pharmacy (editorial), 1501

Talley, C. Richard Managed care backlash (edito-

Talley, C. Richard Outsourcing drug distribution

Talley, C. Richard Patient-centered computing

Talley, C. Richard Promoting rational thought Talley, C. Richard Slowing the emergence of mul-

tant pathogens, 2457 Talley, C. Richard Trouble on the Internet (edito-

Tan, Lai-Li see Lim, Lee-Yong, 2073
Taniguchi, George Bioethics committee activities

Taniguchi, George Criteria for use of tramadol hydrochloride in adult inpatients and outpaents. 696

Taniguchi, George Pharmacist as newspaper col-umnist (letter), 1762 Theodorou, Dimitrios see Cornwell, Edward F.

Thomas, John D. see Williams, Roger F., 773 Thomas, L. see Bruno, R., Dec 15 suppl \$16 Thompson, Cheryl A. Adverse reactions to alternative medicine (editorial), 1707

Thompson, Cheryl A. As patients embrace herbal remedies, dearth of scientific evidence frustrates clinicians (News), 2656

Thompson, Cheryl A. Drug information centers pool resources (News), 1930

Thompson, Cheryl A. Drug information industry reacts to private-sector plan for useful content (News), 1572

Thompson, Cheryl A. Mail-order pharmacies send out clinical services (News), 613 Todd, Mark W. see Smith, Kelly M., 295

Toledo-Binette, Charlotte see Fudin, Jeffrey, 87 Tomera, John F. Regional thrombolytic infusion for peripheral arterial occlusion and deep vein thrombosis: tried and true, 1988

Tomera, John F. see also Kaul, Alan F., 2000, 2002 Trinh, Bo see Yee, Donald K., 670

Trissel, Lawrence A. Compatibility of cisatracuri-um besylate with selected drugs during simulated

Y-site administration, 1735

Trissel, Lawrence A. Compatibility of doxorubicin hydrochloride liposome injection with select-ed other drugs during simulated Y-site administration, 2708

Trissel, Lawrence A. Compatibility of granisetron hydrochloride with selected drugs during simulated Y-site administration, 56

Trissel, Lawrence A. Compatibility of parenteral nutrient solutions with selected drugs during sim-ulated Y-site administration, 1295

Trissel, Lawrence A. Compatibility of propofol injectable emulsion with selected drugs during simulated Y-site administration, 1287

Trissel, Lawrence A. Compatibility of remifenta-nil hydrochloride with selected drugs during sim-ulated Y-site administration, 2192 Trissel, Lawrence A. see also Gilbert, Doward L.

Trissel, Lawrence A. see also Tyler, Linda S., 831 Trope, Angela see Dupuis, L. Lee, 1293

Tsourounis, Candy Implementation of a comput-erized drug information database (letter), 1763

Tyler, Linda S. Comparing cefmetazole comp bility data from different sources (letter), 831 Tyring, Stephen see Huse, Daniel M., 1180

13

Uchida, Kathryn M. see Shintani, Ellen Y., 2805

Vaida, Allen J. Book review, 2016 Van Ackere, Ann see Dean, Bryony S., 2491 VanDenBerg, Chad Satisfaction among residents in ASHP-accredited pharmacy residency programs, 1521

Venl, Joan H. see Yee, Donald K., 670 Veatch, Robert M. Supplying starter kits of infant formula. Analysis and commentary, 689

Venkateshwaran, Thirunellai G. see Stewart, Verme-Gibboney, Catherine Oral angiotensin-

rting-enzyme inhibitors, 2689 Vigil, Justina M. see Wieland, Linda D., 1062

Vincze, Zoltán see Fábián, L., 1207 Vogel, Susan see Gabriel, Caroline M., 1191

W

Walker, Roger G. see Sauer, Barbara L., 1727
Walter, William V. see Trissel, Lawrence A., 1295
Warner, David J. see Peddicord, Tom E., 1417
Warnen, Flynn W. see Stewart, James T., 915
Webb, Lauren see Peddicord, Tom E., 1417
Weidle, Paul J. see Everson-Mays, Robyn E., 1545
Weizer, Michele Book review, 1668
Wermeling, Daniel P., Financial impact of clini-

Wermeling, Daniel P. Financial impact of clini-cal research on a health system, 1742 West, Nina J. see Jacobson, Pamala A., 178 White, Eugene V. Office-practiced pharmacy (let-

White, Sara J. Making pharmaceutical care a pos-

Whitney, Harvey A. K. New address for publisher

Whorton, Kevin P. see Witmer, David R., 434

Wieland, Linda D. Relationship between home glucose testing and hemoglobin $A_{\rm lc}$ in type II diabetes patients, 1062 Williams, Karl G. Liability for expanded respon-

sibilities (Management Consultation), 1152 Williams, Richard see Smith, Adrienne L., 319 Williams, Roger F. Pharmaceutical services in the United States Army, 773

Wingfield, Cynthia L. see Davis, Angela Stafford,

Witmer, David R. ASHP oncology pharmacy work Witmer, David R. Book review, 1219

Witmer, David R. PALs program (Questions and

Woker, David R. see Bayles, Britt C., 778 Woller, Thomas W. see Abramowitz, Paul W.,

Wong, Barry see Dupuis, L. Lee, 1293 Wong, Miki see Chan, Debora Schotik, 1335 Woodward, Billy W. see Jermain, Donna M., 2717

Yee. Donald K. Involvement of HMO-based pharmacists in clinical rounds at contract hospitals,

Yee, Gary C. Advances in the management of cancer: review of docetaxel. Cost-utility analysis of taxane therapy, Dec 15 suppl S11

Yee, William Self-study material review, 1464

Yerasi, Ash B. Disposal of used fentanyl patches,

Young, James H. Pharmaceutical services in the

United States Air Force, 783 Yow, Kah L. see Lye, Michelle Y.F., 2483 Yow, Kah-Lai see also Lim, Lee-Yong, 2073 Yu, Winnie see Cornwell, Edward E. III, 537 Yui, Darren see Hall, Philip D., 185

Yurkowski, Peter J. see Boyko, William L., 1591

Zarembski, Dawn G. see Hood, Kerri A., 285 Zariffa, Névine see Boike, Steven C., 1172 Zawada, Edward T. see Singh, Preman J., 2609 Zhang, Jinghua see Quercia, Robert A., 1404 Zhu, Zhu see Hitt, Catherine M., 2704 Zietlow, Kimberly Book review, 472 Zilz, David A. Diversification of revenue and man-agement of expense keys to record-setting year, 1868

Zimmerman, Christopher R. Peer review and continuous quality improvement of pharmacists' clinical interventions, 1722

ZumBrunnen, Troy L. see Peddicord, Tom E.,

Advertising Index

A

Abbott Laboratories Abbott Laboratories, Hospital Products

ADD-Vantage, 883, 1109, 1259, Jul 15 IBC, 2327, 2669 FirstChoice Premixes, Jan 15 IFC, 339, 619, 949, May 15 IBC, 1373, 1655, 1783, Sep 15 IBC, 2279, 2541, Dec 1 IBC Dec 15 IBC

Advocate Health Care Position Available, 2829

Agency for Health Care Policy and Research tional, 261

Agouron Pharmaceuticals, Inc. Viracept, 1934-1936, 2038-2040, 2241-2243, 2285-2287,

Akron General Medical Center

Alabama Oncology, LLC **Allegheny University Hospitals**

Allegheny University Hospitals, Hahnemann

Alpha Therapeutic Corporation Venoglobulin-5, 941-942, 1031-1032, 1263-1264, 1479-1480, 2283-2284

Alza/US Bioscience Exhibitor's Theater, 929

American Association of Diabetes Educators Certificate Program, 149 American Council on Pharmaceutical

Education on Available, 1558

American Lung Association **American Pain Society**

g, 1583, 1687 **American Pharmaceutical Association** Certificate Program, 149 National Pharmacy Week, 1764, 2037

American Regent Laboratories, Inc. Dexferrum, 220-222, 348-350, 712-714, 870-872, 1146-1148, 1356-1358, 1482-1484, 1894-1896, 2034-2036, 2330-2332, 2548-2550, 2750-2752

American Society of Health-System Pharmacists

AHFS Drug Information 97, 11, 211, 298, 455, 553, 638, 749, 1045, 1394, 2458, Nov 15 IBC, 2675
AHFS Drug Information 98, 2785
AHFS Drug Information 98, 2785
AHFR Reprints, 98, 421, 716, 1118, 1836, 1983, 2098, 2320, 2517, 2622, 2743
Applied Theoremsters, The Clinical Head Communication

Applied Therapeutics: The Clinical Use of Drugs,

Applied The application, 1768
Sixth Edition, 1768
ASHP Advantage, 2265, 2315, 2375
ASHP Annual Meeting '97: Education and Exhibits,

588, 723, 754, 921 ASHP Membership, 38, 376, 528, 711, Apr 1 IBC, 997,

ASHP Second Annual Leadership Conference on Pharmacy Practice Management, 1657, 1789

ASHP Section of Clinical Specialists, 1473, 1775,

ASHP Section of Home Care Practitioners, 1129. ASHP Software, 89, 1117, 1766, 2381

Videotapes, 2137 ASHP Web Site, 1350, 1389, 1520, 1629, 2124, 2740 Basic Skills in Interpreting Laboratory Data, 205,

1057, 1209, 1445, 2003, 2301 Career Opportunities on the Web, 1456 CiteSearch, 601

Clinical Pharmacokinetics Pocket Reference, 23, 148.

Clinical Pharmacology: An Electronic Drug Reference and Teaching Guide, 800 Clinical Skills Program, 717, 1124, 1379, 2037, 2678 CliniTrend, 294

The Complete Guide to the 1997-98 Home Care Survey Process: Home Care and Long Term Care

Concepts in Clinical Pharmacokinetics: A Self-Instructional Course, Second Edition, 141, 265, 440, 513, 623, 962, 1622, 1898, 2179, 2509 Concepts in Immunology and Immunoth Third Edition, 2053, 2196, 2620, 2716 DataKinetics, 1375, 1498, 1651, 2017, 2665 Drug Information on CD-ROM, 1669 Drugs in Pregnancy and Lactation, Fourth Edition,

Guidelines for Administration of Intraver Medications to Pediatric Patients, 1150, 1465, 1907,

Handbook of Clinical Drug Data, 1997-1998, Eighth Edition, 1768

Handbook on Injectable Drugs, Ninth Edition, 321,

Home Care 97, 1100, 1344 Home Health Care Practice, Second Edition, 1962 Home Infusion Software, 198, 427, 691, 999, 1365. 1487, 1773, 1999, 2212, 2448, 2810

Infusion Technology Manual, A Self-Instructional Approach, 29 ernational Pharmaceutical Abstracts, 1190, 1488,

2072, 2455, 2748 Managing Oral Anticoagulation Therapy, 2477, 2591 MedAxon, 25, 125, Feb 1 IBC, Mar 15 IBC, 848, 1003, 1125, 1463, 2253

Medication Teaching Manual, 387, 701, 1157 Medication Teaching Manual, Spanish Translation, 1704, 2514

MedTeach for Windows, 107, 225, 697, 1105, 1563,

Midyear Clinical Meeting, 1761, 1901, 2005, 2129 Neofax 1997: A Manual of Drugs Used in Neonatal Care, Tenth Edition, 1764, 1907, 2417 New Publications, 1768 Outcomes, 1267, 1460, 1502

Pharmacoecon ics and Oute Patient Care, 1385, 1632, 1942 Pharmacotherapy: A Pathiophysiologic Approach, Third Edition, 1768

Pharmacy Resources, 1489 Pharmacy Technician Workbook: A Self-Instructional Approach, 903, 1656, 2814 Pocket Guide to Injectable Drugs, 146, 477, 574, 729,

847, 1391, 2791

Pocket Guide to Injectable Drugs, Ninth Edition, 100,

Position Available, 99, 459, 590, 595, 715, 716, 837, 843, 992, 993, 1118, 1123, 1216, 1355, 1456, 1459, 1557, 1659, 1666,1767, 1771, 1903, 1904, 2010, 2135, 2632 Preparing the Pharmacy for a Joint Commission Survey, 3rd Edition, 31, 189, 318, 475, 942, 1258, 1947 Project Catalyst, 2761 Self-As

PSAP II-Pharmacotherapy Seli Program, 888, 1465, 2502, 2824 Quality Assurance of Pharmacy-Prepared Sterile Products Videotape and Workbook, 33, 1001 Résumés and Personal Statements for Health Professionals, 2417

Stedman's Concise Medical Dictionary, 2490 Student Membership, 2043, 2257, 2379, 2634 Understanding Medical Terms: A Guide for Pharmacy Practice, 2490

Amgen Inc.

upogen, Jan 15 IFC, 109, Mar 15 IFC, 603, May 15 IFC, 1133, Jul 15 IFC, 1565, Sep 15 IFC, 2019, 2347

Amicare Management Services Position Available, 2247 Antelope Valley Hospital Positions Available, 1554

Apothecon, A Bristol-Myers Squibb Comp Injectable Products, 238-239, 850-851, 1238-1239, 1694-1695 Stadol, 367-368

Stadol Injectable, 251-252, 491-492, 627-628, Apr 1 IFC, 731, 931-932, 1027-1028, 1137-1138, 1361-1362, Jun 15 IEC 1369 Appalachian Regional Healthcare

sitions Availal e. 704, 1665 ArcVenture, LLC

Position Available, 2526

ASHP Research and Education Foundation Anticoagulation Management Service Traineeship Program, 2623 Awards Program, 366 Clinical Pharmacy Dialysis Service Traineeship Program, 257, 698

utional, 91, 225, 889, 1127, 1454, 1704 The Joseph A. Oddis Endowment, 1453, 1770, 1826,

Stem Cell Transplantation Traineeship Program, Astra Merck Inc.

Astra USA, Inc. **Aultman Hospital** Aurora Health Care

Position Available, 1659 AutoMed Technologies

Baptist Health System (Birmingham) Baptist Health System (San Antonio) Available 844, 2013 Baptist St. Anthony's Health System osition Available, 2246, 2408, 2765

Bayer Corporation, Pharmaceutical Division Adalat CC, 13-14, 495-496, 1013-1014, 1241-1242, 2345-2346, 2453-2454

Baylor Senior Health Centers Positions Available, 2763 Baylor University Medical Center Position Available, 1214, 1343, 2524, 2771 Baystate Health Systems

Position Available, 1556, 1905

B. Braun Medical Inc.

Institutional, 887, 971, 2339, Nov 15 IFC, 2537 Biopharm USA Limited Leeches, 869, 2301

Board of Pharmaceutical Specialties Institutional, 1243 Boehringer Ingelheim

Combivent, 1943-1944

Boehringer Mannhelm Corporation

CoaguChek, 1265

CoaguChek System, 637, 969

Retavase, 117-124, 463-470, 505-512, 951-954, 11

Retavase, 117-124, 463-470, 505-512, 951-954, 1153-1156 Bristol Laboratories Oncology Products, A

Bristol-Myers Squibb Company
Etopophos, 266-268, 758-760, 1050-1052, 1274-1276, 1708-1710
Fungizone, 255-256
Monopril, 2293-2295
Paraplatin, 39-40, 1951-1952, 2687-2688
Symposium, 2365
Taxol, 245-246, 529-530, 745-746, 1245-1246, 1503-1504, 2183-2184, 2459-2460

Bullhead Community Hospital Position Available, 324

C

California Society of Health-System Pharmacists Seminar '97, 1777

Carolinas Healthcare System Position Available, 2408

Cary Medical Center
Position Available, 2131
Children's Health Care Minneapolis
Position Available, 1664

Children's Hospital (San Diego)
Positions Available, 1558

Children's Hospital and Medical Center (Seattle) Position Available, 2134

Children's National Medical Center (Washington) Position Available, 1353

Cieveland Clinic Foundation Positions Available, 706, 837, 995, 2630 Clinical Laboratory Management Association

Clinical Laboratory Management Association Congress on Integrated Clinical Systems Management, 105 1998 Congress on Integrated Health Care Systems

Management, 2627
Columbia Chippenham Medical Center/
Johnston-Willis Hospital

Position Available, 208

Columbia/HCA Healthcare Corporation
Position Available, 1666, 2135, 2631

Position Available, 1666, 2135, 2631
Columbia Sunrise Hospital and Medical
Center
Positions Available, 994, 995

Community Health Plan/Kaiser Permanente Position Available, 1664 Concord Hospital Position Available, 1458, 1666, 2525 Cortex Communications

Cortex Communications
Exhibitors' Theater, 929
Symposia, 2291, 2355

D

Department of Veterans Affairs
Positions Available, 327
Department of Veterans Affairs
(Albuquerque)
Positions Available, 2631
Department of Veterans Affairs (Richmond)
Positions Available, 97, 889, 1119, 1339, 2753
Diebold, Inc.
Institutional, 1247, 1571, 2341, 2679
Diversified Pharmaceutical Services, Inc.
Position Available, 2246

Duke University Medical Center Position Available, 459, 2132 Dunhill of Warwick Positions Available, 96, 322, 594, 844, 1126

Dunibili Professional Search of Madison Positions Available, 206, 322, 450, 594, 716, 844, 996, 1126, 1215, 1359, 1459, 1558, 1658, 1771, 1906, 1904, 2014, 2135

Du Pont Merck Corporate Coumadin, 136-138 Du Pont Pharma Coumadin, 446-448, 614-616

F

Eastern Maine Medical Center
Position Available, 1120, 1554, 2754
E. Fougera & Co., A Division of Altana Inc.
Institutional, 2147, 2529
Ointments, 21
Surgilube, 957, 1677
Eli Lilly and Company
Zyprexa, 9-10, 259-260, 521-522, 845-846, 1023-1024, 1351-1332, 1388-1586, 1899-1900, 2023-2024

Zyprexa, 9-10, 259-260, 321-322, 485-386, 1023-1024, 1351-1352, 1585-1586, 1899-1900, 2023-2024 Employer Support of the Guard and Reserve Institutional, 26 E.P.S., Inc. Steri-Dropper, 1237 Erlanger Medical Center

Position Available, 1662

Ernst & Young LLP

Position Available, 458

EST Lederle

Institutional, Nov 1 OBC, Dec 1 OBC ESI Lederle, Inc.

Dipyridamole Injection, Jul 1 IFC, 1467, Jun 1 IBC, OBC, Aug 1 IBC, OBC
Lot 1 OBC, 2299
European Association of Hospital

Pharenacists
3rd Congress of The European Association of
Hospital Pharmacists, 2804

F

Fairbanks Memorial Hospital Position Available, 456, 591 Hetcher Allen Health Care Positions Available, 324 Horida Medical Center Positions Available, 1120

Forest Pharmaceuticals, Inc.
Cervidil, 5-6, 231-232, 483-484, 735-736, 1009-1010, 1225-1226, 1471-1472, Aug 1 IFC, 1671, 1919-1920, 2145-2146, 2265-2264, 2423-2424, 2645-2646, 2781-2782
Geneva Pharmaceuticals. Inc.

Institutional, 2319
Fujisawa Pharmaccutical Company
AmBisome, 209, 1234-1235, 1576-1577, 1790-1791,
2441-2445, 2659-2663

G

Genetics Institute, Inc.
Position Available, 1212, 2523
Gensia Laboratories, Ltd.
Etoposide, 129-130, 473-474, 609-610, 935-936, 1347-1348
Gensia Sicor Pharmaceuticals, Inc.
Institutional, Dec 15 OBC
Glaxo Wellcome
Helix, 1393, 1495, 1587, 1685
Position Available, 2247, 2524
Seminar, 2265
Ultiva, 516-518, 838-840, 1038-1040
Zofran, 1249-1250, 2653-2654
Glaxo Wellcome/Medivision
Institutional, 2309
Good Samaritan Hospital
Position Available, 2135
Grant/Riverside Wethodist Hospitals

H

Harry S. Truman Memorial Veterans
Hospital
Positions Available, 2014
HCA International
Positions Available, 1211, 2134
Hoechst Marion Boussel
Institutional, 2025, Oct 1 IBC, 2321, 2535, 2647
Hoechst-Roussel Pharmaceuticals Inc.
Position Available, 1557
Howard University
Position Available, 41457

1

Idaho State University (Pocatello)
Position Available, 2754
I Give for Kids/FFF Enterprises
Institutional, Jul 1 OBC, Sep 1 OBC
Illinois Masonic Medical Center
Position Available, 2633
Illinois Pharmacy Foundation
Position Available, 212
International Hospital Recruitments
Positions Available, 2754

J

Jackson Memorial Hospital
Positions Available, 1343
James A. Haley Veterans Hospital
Position Available, 324
Janssen Pharmaceutica
Fellowship Programs, 2407
Institutional, 139, 341, 607, 861
Position Available, 991, 2763
Risperdal, 93-94, 451-452, 487-488, May 1 IFC, 1005
John F. Kennedy Memorial Hospital
Position Available, 1554

Κ

Kaiser Permianente
Position Available, 210, 991
Kaiser Permanente (Atlanta)
Position Available, 1771
Kama Enterprises, Inc.
Positions Available, 706, 2763
Kent General Hospital
Position Available, 461
Knoll Pharmaceuticals
Dilaudid, 133-134, 443-444, 875-876, 1341-1342, 1573-1574, 2275-2276, 2745-2746

E

Lake Hospital System, Inc.

Position Available, 991, 2013

Position Available, 591

Lakeland Regional Medical Center
Positions Available, 1349

Lederle Laboratories, A Division of American
Cyanamid Company
Zosyn, Jan 1 IFC, 1, Feb 1 IFC, 227, Mar 1 IFC, 479, 1029

Legacy Health System
Position Available, 1555, 2244

Liberty Industries, Inc.

IV Prep Room, 1253, 2289

Liposome Company
Abelcet, 27-28, 325-326, 751-752, 1251-1252, 1679-1680, 2175-2176
Symposium, 2298

Long Beach Memorial Medical Center
Positions Available, 2413

Loyola University Medical Center
Positions Available, 1215

Lyons Lavey Nickel Swift, Inc.

M

Maginnis & Associates, Inc. Institutional, 7, 457, 737, 1257, 2049, 2353
Maine Medical Center vailable, 1552, 2132 Marshall Hospital Marshfield Clinic

Position Available, 593
Mani Memorial Hospital Mayo Medical Center

on Available, 992, 1662, 2630, 2748 McFaul and Lyons, Inc. on Available, 2765 **Medical Communications Media**

nal. 2791 Medical Education Systems, Inc.

Positions Available, 1353 Symposia, 868, 878, 2270, 2278, 2298, 2398 Medical University of South Carolina Position Available, 99, 1767, 2408

Medimmune, Inc. RespiGam, 2041-2042, 2303-2304 MedManagement Institutional, 2677

Position Available, 1903 **Med Options USA** Positions Available, 2014, 2135, 2249, 2413, 2526, 2633, 2771, 2829

Memorial University of Newfoundland Position Available, 1354

Merck-Medco Managed Care L.L.C. Positions Available, 2410 Merck Sharp & Dohme, Division of Merck & Co., Inc.

Fosamax, 201-204, 343-346, 631-634, 859, 965 Pepcid, 113-114, 235-236 **Mercy Healthcare Sacramento**

Mercy Hospital (Detroit) **Methodist Hospital**

sition Available, 1215 Methodist Hospitals of Memphis Position Available, 1554, 1664, 2248 Methodist Medical Center (Dallas)

sition Available, 450, 1556 Millipore Corporation Symposium, 2337

Moses H. Cone Memorial Hospital Position Available, 844, 1555, 1905 **MultiCare Health System** Position Available, 212

National Cancer Institute stitutional, 2129 National Institutes of Health National University of Singapore Positions Available, 2409 North Broward Hospital District Positions Available, 1126 North Carolina Baptist Hospitals Position Available, 322, 2134 Novartis Pharmaceuticals Corporation Exelon, 1261, 2667

Neoral, 2325-2326, 2531-2532 **Nova Southeastern University** Training Programs, 995

0

Ohio State University Ohmeda, Inc., The BOC Group Atracurium, 140, 374, 624 OmniCell Technologies, Inc. Institutional, 135, 1151
Oncology New Concepts, A Division of Cortex

Communications Symposium, 2155 Organon Inc. Symposium, 2367 Zemuron, 2051-2052, 2545-2546 Orlando Regional Healthcare System

ons Available, 2630 Ortho Biotech Inc. Procrit, 150-152, 640-642, 1158-1160, 1588-1590, 2056-2058. 2566-2568

Ortho/McNeil Pharmaceuticals Floxin, 611-612, 925-926, 1043-1044 Levaquin, 377-378, 707-710, 833-836, 863-866, 1101-1104 1141-1144

Our Lady of Fatima Hospital, An Affiliate of St. Joseph's Health Services Owen Healthcare, Inc. Institutional, 2377, 265

Paddock Laboratories, Inc. Nystatin Topical Powder, 127-128 Nystop, 351-352, 727-728, 873-874

Position Available, 1555

Parke-Davis and Company, Division of Warner-Lambert Company Symposia, 868, 878

Parke-Davis Parke-Davis/Pfizer, Inc.

Lipitor, 739-742, 1113-1116, 1229-1232, 1475-1476, 1689-1690, 2149-2150, 2671-2672

Pfizer Inc., Roerig Division Norvasc, Nov 15 OB Pfizer Pharmaceuticals

Certificate Program, 149 Norvasc, Jan 15 OBC, Mar 15 OBC, May 15 OBC, Jul 15 OBC, Sep 15 OBC
Pharmaceutical Placement Service

Position Available, 2412 Pharmacy Technician Certification Board

1997 Exar ninations, 705, 1443 **Phoenix Memorial Hospital** Position Available, 1215

Pinecrest/Delray Medical Center Position Available, 1905

Pitt County Memorial Hospital Positions Available, 1359 Premier Inc.

Position Available 1343 Presbyterian Healthcare System on Available, 1211 **Prescriptive Analysis**

n Available, 206 **Providence Health System** Position Available, 99, 323, 591, 991, 1213, 1340, 1769,

2012, 2245, 2522, 2764 **Providence Portland Medical Center**

Purdue Frederick

QS/1 Data Systems itutional, 489, 1107, 1569, 1703, 1939, 2153, 2361, 2435, 2783

Regional Medical Center (Madisonville) sition Available, 2132 Rhône-Poulenc Rorer Pharmaceuticals Inc.

Institutional, 131, 207, 373, 617 Lovenox, 362-364, 1579-1582, 1799-1802, 2045-2048 Position Available, 2827 Symposium, 2371, 2543 Taxotere, 143-144, 353, 453-454, 621-622, 725, 885, 979-980, 1033-1034, 1111

Roche Laboratories, A Division of Hoffmann-La Roche Inc.

Fellowship Program, 2629 Klonopin, 371-372 Posicor, Aug 15 IBC, OBC, Oct 15 IBC, OBC Position Available, 2247 Rocephin, Feb 15 IBC, OBC, Apr 15 IBC, OBC, Jun 15 IBC, OBC osium, 2349 Versed, 1795-1797, 1923-1925, 2171-2173

Fellowship Programs, 2632

Roxane Laboratories, Inc. Roxicodone, 35-36, 261-262, 525-526, 755-756, 1047-1048, 1271-1272, 1499-1500, 1705-1706, 1947-1948, 2179-2180, 2323-2324, 2455-2456, 2683-2684 **Entgers-The State University of New Jersey**

Sacred Heart General Hospital (Eugene) itions Available, 1120, 177

St. Agnes Healthcare
Position Available, 456, 837, 1354

St. Dominic-Jackson Memorial Hospital ion Ava lable, 2131

Saint Francis Hospital (Tulsa) on Available, 703, 1556, 1906 St. John's Regional Health Center ition Available, 456 Saint Joseph Medical Center

on Available, 2765 St. Jude Children's Research Hospital m Available, 1554, 2412

St. Luke's Regional Medical Center (Boise) Position Available, 1122

Saint Margaret Mercy Healthcare Centers Position Available, 99 St. Nicholas Hospital

Position Available Saint Thomas Health Services tion Available, 1659

St. Vincent's Medical Center of Richmo Position Available, 2249 Sandoz Pharmaceuticals Neoral, 17-18, 331-332, 499-500, 841-842, 1255-1256,

1491-1492 1699-1700 Sanofi Winthrop Pharmaceuticals Position Availab Primacor, 501-502, 975-976, 1019-1020, 1337-1338,

1682-1684, 2177-2178, 2563-2564, 2681-2682 Santa Rosa Health Care Position Available.

Sarasota Memorial Hospital Saratoga Hospital and Nursing Home

Position Available, 2011 Schein Pharmaceutical, Inc. Infed, 248-250, 944-946, 1382-1384, 1910-1912, 2272-

Scientific Therapeutics Information Position Available, 2525, 2631, 2767 Scottsdale Memorial Hoispital Position Available, 593

Sequus Pharmaceuticals, Inc. Amphotec, 240-242, 598-600, 890-892, 1345-1346 Serono Laboratories

Shands Hospital Position Available, 1211

Sheboygan Memorial Medical Center Position Available, 2525

Shore Health System on Available, 1126, 1214, 1343 Sibley Memorial Hospital

Sierra Providence Health Network

Sierra Staffing
Positions Available, 1658, 2014, 2249, 2526, 2771 SIMS Deltec

onal, 145, 369, 485, 939, 1121

SmithKline Beecham Fellowship Programs, 2523, 2629, 2828 Hycamtin, Apr 15 IPC, 855, Jun 1 IPC, 1221, Oct 15 IPC, 2259, Dec 15 IPC, 2777 Kytril, 147-148, Feb 15 IPC, 335, 960-962, 1016-1018, 1268-1270, 1660-1662, 1786-1788, 1928-1930, 2334-2336 Position Available, 590, 1214, 1353, 2827

Solvay Pharmaceuticals

Position Available, 704

Spectrum Chemical Mfg. Corp.
Institutional, 15, 321, 503, 747, 1021, 1335, 1485, 1697, 1945, 2173, 2437, 2673 Stadtlanders Managed Pharmacy Services

Positions Available, 2523 Strong Memorial Hospital/University of Rochester n Available, 2632

Sunrise Hospital and Medical Center ailable, 2248, 2526

Annual Index

Sunscript Pharmacy Corporation Position Available, 1769, 2134 Swedish Medical Center (Seattle)

Positions Available, 1359
Syracuse Veterans Affairs Medical Center

T

Tallahassee Memorial Regional Medical Center

Position Available, 592 Tampa General Healthcare

Temple University School of Pharmacy Texas Tech Health Sciences Center

Texas Tech Health Sciences Center (Lubbock) on Available, 1903

Texas Tech University Health Sciences Center

Texas Tech University Health Sciences Center at Amarillo Position Available, 1355

The Bowdoin Group, Inc. itions Available, 2

Position Available, 2754

The Cancer Institute of New Jersey Position Available, 208 Therades

Position Available, 706, 1555 Tuomey Regional Medical Center Positions Available, 1906
Two Rivers Community Hospital

U

United Health Services Hospitals University Hospital (Stony Brook)

University Hospital, Inc. (Cincinnati) Available, 9

University Hospital, SUNY Health Science Center

University Medical Center (Jacksonville) University Medical Center (Las Vegas)

University of Arizona

Position Available, 2244, 2412
University of Connecticut Health Center
Position Available, 458, 2631
University of Illinois at Chicago
Training Programs, 212, 323, 459, 593, 837, 996, 2246
University of Iowa Hospitals and Clinics
Positions Available, 323, 1767, 2133, 2518
University of Kentucky (Lexington)
Position Available, 2313

Position Available, 2134

University of Kentucky Hospital

Position Available, 1211 University of Maryland Medical System

Positions Available, 2131 University of Michigan University of North Carolina

Fellowship Programs, 2632 University of North Carolina School of

Pharmacy Position Ava **University of Pittsburgh Medical Center**

University of Rhode Island University of Southern California School of

Pharmacy Position Available, 1122, 2010 University of Texas at Austin Position Available, 1124, 1665 University of Texas at El Paso

Position Available 210 University of Texas M. D. Anderson Cancer Center

ns Available, 2131 **University of Toronto** University of Virginia Medical Center

ons Available, 324, 1457, 282 University of Wisconsin Hospital and Clinics

U.S. Clinical Products. Inc Institutional, Jan 1 IBC, Mar 1 IBC, May 1 IBC, Jul 1 IBC, Sep 1 IBC, Nov 1 IBC U.S. Department of Health and Human

Services Organ and Tissue Donation, 1219

V

VA Connecticut Healthcare System VA Medical Center (Amarillo) Position Available, 1349 ValueRx

Positions Available, 1663, 2411 Vencare Pharmacy Services Position Available, 2765

Residency Program, 2013 ViaHealth VHA Inc.

Positions Available, 2526, 2633, 2754 Virginia Commonwealth University Position Available, 1122

Visiting Nurse Association of Greater Philadelphia Positions Available, 328

Vivus, Inc. Position Available, 590

W

Walter Reed Army Medical Center Positions Available, 2762 Wilcox Memorial Hospital Position Available, 1212 William Beaumont Hospital Positions Available, 1349 Winter Haven Hospital, Inc Position Available, 1120 Wyeth-Ayerst Laboratories, Inc. Duract, 2027-2032 Normiflo, 1675-1676, Aug 15 IFC, 1779, Sep 1 IFC, 1915, Oct 1 IFC, 2141, 2267-2268, Nov 1 IFC, 2419, Dec 1 IFC, 2641 Tubex, Jan 1 OBC, Feb 1 OBC, Mar 1 OBC, Apr 1 OBC, May 1 OBC

X

Symposium, 2315

Xavier University of Louisiana Position Available, 1120, 2771

Yale-New Haven Hospital Positions Available, 2768
Yuma Regional Medical Center Position Available, 2013

7

Zeneca Pharmaceuticals Merrem, 213-218, 355-360, 719-722 Seroquel, 2182, 2251, 2255, 2281, 2297, 2363, 2427-2432, 2555-2560, 2755-2760, 2793-2798

